# **APPENDIX E**

# **CONVERSE CONSULTANTS**



# Phase I Environmental Site Assessment Report

Riverside Free Methodist Church APN 231-070-007 8431 Diana Avenue Riverside, California

Converse Project No. 14-16-151-01 June 20, 2014

Prepared For:

California Baptist University 8432 Magnolia Avenue Riverside, CA 92504

Prepared By:

CONVERSE CONSULTANTS 10391 Corporate Drive Redlands, California 92374



# **Converse Consultants**

Geotechnical Engineering, Environmental and Groundwater Science, Inspection and Testing Services

June 20, 2014

Mr. Adam Burton Vice President and General Counsel California Baptist University 8432 Magnolia Avenue Riverside, CA 92504

Subject: PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Riverside Free Methodist Church

APN 231-070-007 8431 Diana Avenue Riverside, California

CONVERSE Project No. 14-16-151-01

Mr. Burton:

Converse Consultants (Converse) is pleased to submit the attached report that summarizes the activities and the results of a Phase I Environmental Site Assessment (Phase I ESA) that was conducted at the referenced property (Property).

A summary of the assessment is presented in the Executive Summary, as well as in Sections 7.0, 8.0, and 9.0 of the report. Recognized Environmental Conditions were not identified during this assessment.

We appreciate the opportunity to be of service. Should you have any questions or comments regarding this report, please contact Alex Fernandez or Steve Weatherton at (909) 796-0544.

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# **Executive Summary**

The following is an Executive Summary of the Phase I Environmental Site Assessment (Phase I ESA) that was conducted by Converse Consultants (Converse). Please refer to the appropriate sections of the report for a complete discussion of these issues. In the event of a conflict between this Executive Summary and the report, or an omission in the Executive Summary, the report shall prevail.

This report presents the results of the Converse Consultants (Converse) Phase I Environmental Site Assessment (ESA) performed for the Riverside Free Methodist Church located at 8431 Diana Avenue, in Riverside, Riverside County, California, referred to as the Property in this report. Converse was retained by California Baptist University to conduct this Phase I ESA. Our study has been conducted in order to identify, to the extent feasible, Recognized Environmental Conditions (RECs) in connection with the Property.

Converse has compiled and reviewed information that was obtained from interviews, document research, and on-site and area reconnaissance to identify potential environmental conditions at the Property, in conformance with the ASTM Standard E: 1527-13 Environmental Site Assessment Standard Practice (ASTM Standard: E1527-13). This Phase I ESA was conducted during the period of June 5, 2014 to June 20 2014.

The Property currently consists of an approximate 3.13-acre, rectangular shaped lot developed with a church facility (Riverside Free Methodist Church), located at 8431 Diana Avenue in the City of Riverside, Riverside County, California. The facility consists of a worship center building on the southern portion and two administrative and classroom type buildings on the northern portion. The Assessor Parcel Number (APN) for the Property is 231-070-007.

According to historical information gathered by Converse, the Property appeared to be agricultural groves from at least 1931 to 1938. By 1948, the Property appeared to be vacant land. In 1963, the Property was developed with two church buildings on the southern and northwest portions. In 1979, the Property was developed with an educational building on the northeast portion. The Property appeared to remain in the same configuration as observed during the June 2014 reconnaissance.

The Property was not identified in the EDR report. No adjoining properties were identified in the EDR report.

This assessment has revealed no evidence of *recognized environmental conditions* in connection with the *Property*.

Based on this assessment, Converse has the following conclusions and recommendations:

No further assessment is warranted at this time.

Information was requested from the Riverside County Department of Environmental Health (DEH), but was not received in time for inclusion in this report. However, this is not deemed significant based on the known current and historical use of the Property.

In addition, the Property utilizes a septic system on the northern portion. If the Property is to be redeveloped, Converse recommends the septic system be abandoned according to applicable rules and regulations.

## 1.0 Introduction

### 1.1 Purpose and Scope of Services

This report presents the results of the Converse Consultants (Converse) Phase I Environmental Site Assessment (ESA) performed for the Riverside Free Methodist Church located at 8431 Diana Avenue, in Riverside, Riverside County, California, referred to as the Property in this report. Converse was retained by California Baptist University to conduct this Phase I ESA. Our study has been conducted in order to identify, to the extent practical, Recognized Environmental Conditions (RECs) in connection with the Property. The term Recognized Environmental Conditions is defined in Section 1.1.1 of the American Society of Testing and Materials (ASTM) Standard Practice as the presence or likely presence of any hazardous substances or petroleum products in, at or on a property due to any release to the environment; under conditions indicative of a release to the environment; under conditions that pose a material threat of a future release to the environment.

This Phase I ESA was completed in accordance with our dated June 5, 2014. Our work consisted of the following and was completed in general conformance with the scope and limitations of the ASTM Practice E1527-13 and complies with standards and practices set forth in 40 Code of Federal Regulations (CFR) Part 312 for AAI.

- Interviews with the Property owner representatives
- Property and vicinity reconnaissance
- Review of regulatory agency records
- Description of physical setting
- Historical review
- Interviews with public agency personnel
- Preparation of this report

# 1.2 Non-Scope Considerations

There are a number of non-scope issues which are sometimes assessed concurrently with a Phase I ESA. Unless specifically agreed in the contract proposal documents, these non-scope considerations are not included as part of the Phase I assessment. Examples of non-scope issues include:

- Asbestos-containing building material
- Lead-base Paint
- Wetlands

- Radon
- Lead in Drinking Water
- Regulatory Compliance



- Cultural & Historic Resources
- Industrial Hygiene
- Health & Safety
- Mold
- Diffuse Anthropogenic Pollution
- Ecological Resources
- Endangered Species
- Indoor Air Quality
- Biological Agents
- Non-liquid Polychlorinated Biphenyls

### 1.3 Significant Assumptions

Converse made the following assumptions for this assessment:

 The Property was not covered on currently published groundwater contour maps. Therefore, the direction of regional groundwater is inferred to follow surface topography.

### 1.4 Limitations and Exceptions

No limitations or exceptions were encountered during this assessment.

### 1.5 Special Terms and Conditions

The Client was responsible for providing Attachment A & B of the proposal to those identified. Converse did receive a completed Attachment 'A' (User Questionnaire) and Attachment 'B' (Client/User/Owner Provided Information) from the identified user.

#### 1.6 Reliance

This report is for the sole benefit and exclusive use of California Baptist University and Gresham, Savage, Nolan & Tilden in accordance with the terms and conditions attached to our proposal under which these services have been provided. Its preparation has been in accordance with generally accepted environmental practices. No other warranty, either express or implied, is made. The Scope of Services associated with the report was designed solely in accordance with the objectives, schedule, budget, and risk-management preferences of California Baptist University and Gresham, Savage, Nolan & Tilden.

This report should not be regarded as a guarantee that no further contamination, beyond that which could be detected within the scope of this assessment, is present at the Property. Converse makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. It is possible that information exists beyond the scope of this assessment. It is not



possible to absolutely confirm that no hazardous materials and/or substances exist at the Property. If none are identified as part of a limited scope of work, such a conclusion should not be construed as a guaranteed absence of such materials, but merely the results of the evaluation of the property at the time of the assessment. Also, events may occur after the Property visit, which may result in contamination of the Property. Additional information, which was not found or available to Converse at the time of report preparation, may result in a modification of the conclusions and recommendations presented.

Any reliance on this report by Third Parties shall be at the Third Party's sole risk. Should California Baptist University and Gresham, Savage, Nolan & Tilden wish to identify any additional relying parties not previously identified, a completed *Application of Authorization to Use* (see Appendix A of this report) must be submitted to Converse Consultants.

# 2.0 Property Description

# 2.1 Current Use(s) of the Property

The Property currently consists of an approximate 3.13-acre, rectangular shaped lot developed with a church facility (Riverside Free Methodist Church), located at 8431 Diana Avenue in the City of Riverside, Riverside County, California. The facility consists of a worship center building on the southern portion and two administrative and classroom type buildings on the northern portion.

A Property location map and a field generated Property map are provided in Appendix B. Pertinent Property photographs are provided in Appendix C.

### 2.2 Location and Legal Description

The Property is located at 8431 Diana Avenue in the City of Riverside, Riverside County, California. State Route 91 (Riverside Freeway) is located approximately 1/8-mile south of the Property.

The Assessor Parcel Number (APN) for the Property is 231-070-007. The legal description for each Property parcel is provided in Appendix D.

# 2.3 Zoning Information

According to the City of Riverside Planning Department, Online Zoning Information Map, the Property is currently zoned as residential (R-1-7000).

# 2.4 Property Characteristics

The Property is generally flat and consists of an approximate 3.13-acre, rectangular shaped lot developed with a church facility consisting of a worship center and two administrative and classroom type buildings. The Property exterior is covered primarily with grass and cement surfaces. The Property fronts onto Diana Avenue to the south.

# 2.5 Description of Property Structure(s)

The Property is developed with a single-story, irregular shaped building used as a worship center on the southern portion of the Property. The northern portion is developed with two, single-story, wood frame administrative and classroom type buildings.



The following services were observed to serve the Property vicinity at the time of this assessment.

- Electricity: Southern California EdisonGas: Southern California Gas Company
- Potable Water: City of Riverside
- Heating, Ventilation, Air Conditioning (HVAC): Roof mounted and cement-pad mounted.
- Sanitary Sewer: Septic System
- Solid Waste: CR & R

# 3.0 User/Owner Provided Information & Responsibilities

### 3.1 Requested Documents and Information

The ASTM E1527-13 specifies that the Property owner, key site manager and the User provide any helpful documents that may be available. In order to facilitate, and document, the collection of this information, Converse prepared a form titled Owner Interview and Helpful Information. Converse requested that the User, California Baptist University, as well as the Property owner complete the form.

The following documents and information were requested from California Baptist University. No documents were available for review, except as noted below.

- Environmental site assessment or environmental compliance audit reports
- Environmental permits or hazardous waste generator notices/reports
- Registrations for aboveground and underground storage tanks
- Septic systems, oil wells, or water wells
- Registrations for underground injection systems
- Material Safety Data Sheets; Community Right to Know Plans; or Safety, Preparedness and prevention Plans; Spill Protection Countermeasures and Control Plans
- Reports regarding hydrologic conditions on the Property or surrounding area
- Notices or other correspondence form any government agency relating to past or current violations of environmental laws with respect to the Property or relating to environmental liens encumbering the Property.
- Hazardous waste generator notices or reports
- Geotechnical studies
- Risk assessments
- Recorded Activity Use Limitations (AULs)
- Proceedings regarding hazardous substances and petroleum products including any pending, threatened or past: litigation; administrative proceedings; or notices from any governmental entity regarding possible violations of environmental laws or other possible liability related to hazardous substances or petroleum products.

California Baptist University provided Converse with a Preliminary Title Report dated May 29, 2014 issued by Lawyers Title Company for the purpose of title insurance for First Free Methodist Church of Riverside. No information regarding RECs was found. A copy of the title report is included in Appendix D.



#### 3.2 User Provided Information

Section 6 of ASTM E1527-13 outlines specific User's responsibilities. This information will help identify the possibility of RECs in connection with the Property. The ASTM Standard provides a questionnaire to help the User to comply with the statutory requirements to perform tasks which would help identify RECs. Converse included the questionnaire as Attachment A to our proposal. In general, any Users should make Converse aware of information they have regarding the following:

- Environmental Cleanup Liens filed or recorded against the Property
- Activity and land use limitations that are in place on the Property or have been filed or recorded in a registry.
- Specialized knowledge or experience of the person seeking to qualify for the Legal Liability Protections (LLP)
- Relationship of the purchase price to fair market value of the Property if it were not contaminated
- Commonly known or reasonably ascertainable information about the Property
- The degree or obviousness of the presence or likely presence of contamination at the Property, and the ability to detect this contamination by appropriate investigation.

The following information was requested from the User(s) California Baptist University:

#### 3.2.1 Environmental Cleanup Liens

The User provided no information regarding environmental cleanup liens or title records.

#### 3.2.2 Activity and Use Limitations

The User did not provide any information indicating they were aware of any AULs.

#### 3.2.3 Specialized Knowledge or Experience

The User did not provide any information indicating they had specialized knowledge or experience related to the Property or nearby property.

#### 3.2.4 Reason for Significantly Lower Purchase Price

Converse has no information regarding the purchase price of the Property or comparable properties. The User has not indicated to Converse that there is



any conclusion that there was a lower purchase price because of known or suspected contamination at the Property.

#### 3.2.5 Commonly Known or Reasonably Ascertainable Information

The User did not provide any information about: past uses; specific chemicals at the Property; past spills; environmental cleanup or other reasonably ascertainable information regarding the Property.

#### 3.2.6 Obviousness of Contamination

The User did not provide any information based on their knowledge or experience that would be obvious indicators of contamination on the Property.

Unless specifically stated otherwise in the Scope of Services, the purpose of this Phase I ESA was to qualify for the landowner liability protections to CERCLA Liability as described in ASTM E1527-13.

Business risk unrelated to the CERCLA innocent landowners defense are only assessed as specifically agreed in the Scope of Services and discussed in Section 11.0, Additional Non-Scope Services, of this report.

### 3.3 Continuing Obligations

In order to assert a LLP, the User must satisfy a number of statutory requirements that are generally referred to as Continuing Obligations, which are outside the Scope of Services of the Phase I ESA. Examples of Continuing Obligations include providing legally required notices stopping continuing releases and complying with land use restrictions. Failure to comply with these and other statutory post-acquisition requirements will jeopardize liability protection.

It is the responsibility of the User to comply with the Continuing Obligations requirements of ASTM E1527-13 and AAI. Anyone seeking LLP protections should take independent action beyond this Phase I ESA to perfect their position.



## 4.0 Records Review

## 4.1 Physical Setting

#### 4.1.1 Geology

The Property is located approximately 823 feet above mean sea level (MSL) with surface topography sloping towards the west-northwest (United States Geological Survey [USGS] Topographic Map, Riverside West, California, 1978, photorevised 1980). The dominant surficial material on the Property consists of well drained fine sandy loam soils from the ARLINGTON series (United States Department of Agriculture Soil Conservation Service – Soil Conservation Service STATSGO data, 1974, EDR 2014).

#### 4.1.2 Groundwater

According to the Western Municipal Water District, Cooperative Well Measuring Program, Spring 2013 Data, the nearest well with data (State Well ID# 03S/05W-08E002S; Sherman High) is located approximately ½-mile west of the Property. Depth to groundwater at this well was measured at 31.6 feet below ground surface (bgs) on April 26, 2013. No groundwater flow information was available, therefore, groundwater flow was assumed to follow surface topography.

#### 4.1.3 Potable Water Supplier

Potable water is supplied by the City of Riverside.

#### 4.2 Historical Review

#### 4.2.1 Aerial Photograph and Map Review

Available historical aerial photographs (EDR), Sanborn maps and a USGS topographic map, as described in Table 1, were reviewed. According to EDR, there is no Sanborn map coverage of the Property. A copy of the historic aerial photographs is included in Appendix D.



Table 1 – A	Aerial Photog	raph and Map Review
Date	Reference	Observations
1931	Aerial Photographs	The Property appeared to be used for agriculture (orchards).
And		The adjacent properties were depicted as the following:
1938		<ul> <li>North – Agricultural land.</li> <li>South – An unimproved road, followed by agricultural land.</li> <li>East – Agricultural land, followed by an unimproved road.</li> <li>West – Agricultural land.</li> <li>The general vicinity of the Property was depicted primarily as agricultural land with scattered rural residences.</li> </ul>
1948	Arial	
And	Photographs	Except for the Property appearing as vacant land, the adjacent north and west properties appearing as vacant land, and increases in residences in the general vicinity, no
1953		significant changes occurred to Property, adjacent properties, or general vicinity, since the previous aerial photograph in 1938.
1963	Aerial Photograph	The Property appeared to be vacant land.
		The adjacent properties were depicted as the following:
		<ul> <li>North – Vacant land, followed by agricultural land.</li> <li>South – An improved road (Diane Avenue), followed by an on-ramp for State Route 91 (Riverside Freeway).</li> <li>East – Agricultural land, followed by an improved road (Adams Street).</li> </ul>
		West – Vacant land, followed by agricultural.
		The general vicinity of the Property was depicted primarily as residences, agricultural land and scattered commercial properties. State Route 91 (Riverside Freeway) was depicted approximately 100 feet south of the Property.
1967	Aerial Photograph	Except for the Property developed with two buildings on the southern and northwest portions and increases in residences and commercial properties in the general vicinity, no changes to the Property, adjacent properties, or general vicinity since the previous aerial photograph in 1963.



1977	Aerial Photograph	Except for the east adjacent property appearing as a commercial shopping center, and continued increases in residences and commercial properties, no changes to the Property, adjacent properties, or general vicinity since the previous aerial photograph in 1967.
1978, photorevise d 1980	Topographic Map	The Property was depicted with a church building on the southern portion and additional building on the northwest portion. The adjacent properties and general vicinity were depicted in the same configuration as viewed in the 1977 aerial photograph.
1990 And 1994	Aerial Photographs	Except for the Property developed with an additional building on the northeast portion and the general vicinity primarily developed with residences and commercial properties, no changes to the Property, adjacent properties, or general vicinity since the previous aerial photograph in 1977.
2005, 2006, 2009, 2010 And 2012	Aerial Photographs	Except for the west adjacent property appearing as an asphalt paved lot and continued gradual increases in residences and commercial properties in the vicinity, no changes to the Property, adjacent properties, or general vicinity since the previous aerial photograph in 1990.

### 4.2.2 Building Permit Review

Converse reviewed available permits from the City of Riverside, Online Building Permit Information system. Below is a summary of pertinent permit information for each parcel:

#### 8431 Diana Avenue

A building permit for two new church buildings was issued in May 1963. One building is 3,942 square-feet and the other is 2,340 square feet. The owner was identified as First Free Methodist Church.

A permit for a cess pool and septic tank was issued in August 1963. The septic tanks and cess pools were depicted on the north portion of the Property. The owner was identified as First Free Methodist Church.

A building permit for a new, 3,360 square-foot educational building was issued in March 1979. The owner was identified as First Free Methodist Church. The owner was identified as First Free Methodist Church.

Permits for re-roofing and electrical upgrade were issued in October 1989 and October 1994.



Permits for a Verizon Wireless Cell Site with a 70-foot high Monoeucalyptus and a permanent generator on a concrete pad were issued between January 2010 and August 2010. The owner was identified as First Free Methodist Church.

#### 4.2.3 Data Failure

The use of the Property was not verified prior to 1931 as undeveloped land; therefore there is data failure associated with this assessment. However, remaining ASTM sources are deemed not likely to yield significant information.

#### 4.2.4 Summary of Historical Property Use

According to historical information gathered by Converse, the Property appeared to be agricultural groves from at least 1931 to 1938. By 1948, the Property appeared to be vacant land. In 1963, the Property was developed with two church buildings on the southern and northwest portions. In 1979, the Property was developed with an educational building on the northeast portion. The Property appeared to remain in the same configuration as observed during the August 2013 reconnaissance.

### 4.2.5 Summary of Past Uses of Adjoining Properties

The historical use of the adjoining properties appears to have been primarily agricultural land as early as 1931 to 1938. By 1948, the north and west adjoining properties appeared to be vacant land. By 1963, the south adjoining property appeared to be an improved road (Diane Avenue) followed by State Route 91 (Riverside Freeway). By 1977, the east adjoining property appeared to be a commercial retail shopping center. By 2005, the adjoining west property appeared to be an asphalt paved lot. The adjoining properties appeared to remain the same as observed during the August 2013 Property reconnaissance.



#### 4.2.6 Summary of Past Uses of the Surrounding Area

The historical use of the surrounding area appears to have been primarily agricultural land and scattered rural residences as early as 1931. Gradual increases in residences appeared between 1948 and 1953. By 1963, the use of the surrounding area was primarily residences, agricultural land and scattered commercial properties. Gradual increases in residences and commercial properties continued until at least 1977. By 1990, the use of the surrounding area appeared to be primarily residences and commercial properties. Gradual increases in residences and commercial properties appeared to continue until at least 2005. The use of surrounding area appeared to be the same as observed during the August 2013 Property reconnaissance.

### 4.3 Results of Environmental Records Sources Review

An Environmental Data Resources (EDR) report of Standard Environmental Record Sources (Records) was prepared specifically for the Property. The search included queries to the following databases for cases within specified ASTM search distances. A copy of the EDR report is included in Appendix F.

#### 4.3.1 Property Listings

The Property was not identified on the databases in the EDR report

#### 4.3.2 Adjoining Properties

The adjoining properties were not identified on the databases in the EDR report.

#### 4.3.3 Other Off-site Locations of Concern

Other off-site locations of concern identified by EDR within a maximum one-mile radius from the Property included state and local permitted hazardous materials generators, active and historical UST sites, Leaking UST (LUST) sites, HIST CORTESE sites, a Notify 65 site, a DRYCLEANERS site, EnviroStor sites, historical auto stations (US Hist Auto Stat), and Historical Dry Cleaners sites (US Hist Cleaners).

The potential for environmental concern to the Property from these off-site locations of concern appear to be low due to one or more of the following: type of regulatory listing; type of resource (e.g., soil only); status of the case (e.g. no further action); no leaks reported, location with respect to the direction of regional groundwater; and/or distance from the Property.



### 4.3.4 Orphan Listings

The EDR database report identified 20 orphan sites. The locations of sites that were identified by address were found to be in the general vicinity of the Property; however, there is a low potential for environmental concern to the Property from these orphan sites due to one or more of the following: the types of regulatory listings; distance; and/or location with respect to the direction of regional groundwater.

Other orphan sites were identified only by street names or cross streets. These streets names and cross streets were found in the general vicinity of the Property; however, the specific site locations could not be determined. These other orphan sites appeared to have a low potential for environmental concern to the Property due to one or more of the following: type of regulatory listing; location with respect to the direction of regional groundwater; and/or distance from the Property.

#### 4.4 Additional Environmental Record Sources

4.4.1 U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration (PHMSA)

According to the PHMSA website (<a href="https://www.npms.phmsa.dot.gov/">https://www.npms.phmsa.dot.gov/</a>), there are no pipelines jurisdictional to PHMSA within the vicinity of the Property.

4.4.2 California Environmental Protection Agency (Cal-EPA), Department of Toxic Substances Control (DTSC)

No information regarding the Property was on file with DTSC. In addition, CONVERSE reviewed the DTSC ENVIROSTOR website (<a href="http://www.envirostor.dtsc.ca.gov/public/">http://www.envirostor.dtsc.ca.gov/public/</a>) for potential Property records. The Property was not listed on the DTSC ENVIROSTOR website.

4.4.3 Cal/EPA, Santa Ana Regional Water Quality Control Board (RWQCB)

There are no records pertaining to the Property address on file with the RWQCB. Converse reviewed the RWQCB GeoTracker website (<a href="http://geotracker.waterboards.ca.gov/">http://geotracker.waterboards.ca.gov/</a>) and found no records for the Property.

4.4.4 California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR)



CONVERSE reviewed the DOGGR Online Mapping System (**Error! Hyperlink reference not valid.**) in June 2014. No oil or gas wells are located on the Property or adjacent properties.

4.4.5 South Coast Air Quality Management District (SCAQMD)

No information regarding the Property or adjacent properties was on file with the SCAQMD.

4.4.6 Riverside County, Community Health Agency, Department of Environmental Health (DEH)

Information was requested from the DEH, but was not received in time for inclusion in this report. However, this is not deemed significant based on the known historical use of the Property.

#### 4.4.7 Riverside County Methane Areas

According to the Riverside County, Department of Environmental Health, Preliminary Methane Investigation Protocol dated January 19, 2001; the following three areas have been identified within the County as potential Methane areas:

Area 1: North of the Santa Ana River, South of the Pomona Freeway, East of Hellman Avenue and West of Etiwanda Avenue.

Area 2: North of Esplanade Ave., South of Gilman Springs Road, East of Davis Road/Hansen Ave. and West of State Street.

Area 3: South of the San Bernardino County Line, East of Interstate 10, West of Oak Glen Road and North of 14th Street (Beaumont/Banning).

The Property is not located within 1,000 feet of any of the above methane areas.



# 5.0 Property Reconnaissance

### 5.1 Methodology

On June 19, 2014, Converse visited the Property to determine present use and to identify environmental conditions at the Property. Our methodology involved walking the perimeters, centerlines, and accessible interior and exterior areas of the Property while noting observed evidence of present and potential environmental concerns.

A Property Plan is provided in Appendix B. Pertinent Property photographs are provided in Appendix C.

# 5.2 Limiting Conditions

Converse's findings are based on the Property conditions observed on Thursday, June 19, 2014.

# 5.3 Interior Observations of Property

During our Property visit, Converse made the following observations of the interior of the buildings:

Table 2 – Interior Observations of Property

Item or Condition	Observed Evidence	No Evidence Observed	Comments
Hazardous Substances & Petroleum Products:			
Storage Tanks & Related Equipment:			
Odors:		$\boxtimes$	
Standing Surface Water or Other Pools of Liquid:		$\boxtimes$	
Drums & Other Containers of Hazardous Substances, Petroleum Products, or Other Unidentified Contents:			
Transformers or Equipment containing			

**Table 2 – Interior Observations of Property** 

Item or Condition	Observed Evidence	No Evidence Observed	Comments
Polychlorinated Biphenyls (PCBs):			
Heating/Cooling System:		$\boxtimes$	
Stains or Corrosion on Floors, Walls, or Ceilings:			
Drains and Sumps:			

# 5.4 Exterior Observations of Property

During our Property visit, Converse made the following observations of the exterior of the Property:

Table 2 – Exterior Observations of Property

Item or Condition	Observed Evidence	No Evidence Observed	Comments
Hazardous Substances & Petroleum Products:			
Storage Tanks & Related Equipment:			
Odors:		$\boxtimes$	
Standing Surface Water or Other Pools of Liquid:			
Drums & Other Containers of Hazardous Substances, Petroleum Products, or Other Unidentified Contents:			Over the counter cleaners and chemicals, including floor stripper & cleaner, floor wax, glass cleaner, and hand soap were observed in a storage closet in the northwest classroom building. No leaks, stains or odors were observed.
Transformers or Equipment containing Polychlorinated Biphenyls (PCBs):			
Pits, Ponds, or Lagoons:			

**Table 2 – Exterior Observations of Property** 

Item or Condition	Observed Evidence	No Evidence Observed	Comments
Stained Soil or Pavement:			
Stressed Vegetation (other than from insufficient water):			
Evidence of Mounds, Depressions or Filled or Graded Areas Suggesting Trash or Other Solid Waste Disposal:			
Waste Water or any discharge (including storm water) into a Drain, Ditch, or Stream on or Adjacent to the Property:			
Wells (active, inactive, or abandoned):			
Septic Systems or Cesspools:			
Prior Structures:		$\boxtimes$	
Roads, Tracks, Railroad Tracks or Spurs:			

# 5.5 Current Uses of Adjoining Properties

Based on our research and observations during our Property visit, the Property is bordered by the following:

**Table 3 – Adjoining Property Use** 

Direction Current Development	
North:	A vacant lot, followed by a school facility (California Baptist University).
Northeast:	A commercial retail shopping center, followed by an asphalt parking lot.
Northwest:	A vacant lot, followed by the California Baptist University.
South:	Diana Avenue, followed by a freeway access road.
Southeast	Diana Avenue, followed by a freeway access road.

Table 3 – Adjoining Property Use

Direction	Current Development		
Southwest:	Diana Avenue, followed by State Route 91 (Riverside Freeway).		
East:	A retail shopping center and a California Baptist University administrative building, followed by an asphalt parking lot.		
West:	California Baptist University, followed by an improved road.		

# 5.6 Current Uses of Surrounding Area

Based on our research and observations during our Property visit, the surrounding area of the Property appears to consist primarily of residences, commercial properties, and scattered school facilities.

# 6.0 Interviews

During the interviews, the owners and occupants were asked if they had any available documents that would be helpful. The documents that were requested are detailed in Section 3.1 of this report:

### 6.1 Property Owner

The Property is currently owned by the Riverside Free Methodist Church. Converse interviewed Mr. Daniel Wesley Bishop of the Riverside Free Methodist Church. According to Mr. Bishop, the Riverside Free Methodist Church has owned the Property since it was constructed in the early 1960's and has been used as a church since. Mr. Bishop stated that the church uses a septic system located on the northern portion of the Property. Mr. Bishop did not have knowledge of any other known environmental conditions at the Property.

### 6.2 Tenant/Occupant

The tenant is also the owner of the Property. Please see 6.1 above for interview information.

#### 6.3 State or Local Government Officials

Converse contacted Ms. Mary Edwards from the Santa Ana Regional Water Quality Control Board. According to Ms. Edwards, there are no records on file for the Property.

# 7.0 Findings

A cursory summary of findings is provided below. However, details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

- The Property currently consists of an approximate 3.13-acre, rectangular shaped lot developed with a church facility (Riverside Free Methodist Church), located at 8431 Diana Avenue in the City of Riverside, Riverside County, California. The facility consists of a worship center building on the southern portion and two administrative and classroom type buildings on the northern portion. The Assessor Parcel Number (APN) for the Property is 231-070-007.
- According to historical information gathered by Converse, the Property appeared to be agricultural groves from at least 1931 to 1938. By 1948, the Property appeared to be vacant land. In 1963, the Property was developed with two church buildings on the southern and northwest portions. In 1979, the Property was developed with an educational building on the northeast portion. The Property appeared to remain in the same configuration as observed during the June 2013 reconnaissance.
- The Property was not identified in the EDR report.
- No adjoining properties were identified in the EDR report.
- Over the counter cleaners and chemicals, including floor stripper & cleaner, floor wax, glass cleaner, and hand soap were observed in a storage closet in the northwest classroom building. No leaks, stains or odors were noted.
- The Property currently utilizes a septic system located on the northern portion of the Property.
- According to building permits, a Verizon Wireless Cell Site with a 70-foot high Monoeucalyptus and a permanent generator on a concrete pad are located at the Property. This site apparently shares the same address as the Property, but is actually located on an adjacent parcel.



# 8.0 Opinion

- The historic use of the Property from as early as 1931 until at least 1938 is not considered a REC due to the subsequent grading and development of the Property.
- The historic and current use of the Property as a church is not a REC.
- It is our opinion that there is low soil vapor intrusion concern for the Property due to no evidence of past environmental concerns, subsurface contamination, or underground storage tanks on the Property and adjoining properties.
- No significant data gaps were identified that affect the ability of the Environmental Professional (EP) to identify RECs. It is unlikely that there are any additional files containing significant information regarding the Property with the DEH.
- There are no unusual circumstances where greater certainty is required regarding RECs.

# 9.0 Conclusions and Recommendations

Converse has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM Practice E1527-013 for the Riverside Free Methodist Church located at 8431 Diana Avenue, in Riverside, Riverside County, California. Any exceptions to or deletions from this practice are described in the Limitations and Exceptions of Assessment section of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the *property*.

No further assessment is warranted at this time.

Information was requested from the DEH, but was not received in time for inclusion in this report. However, this is not deemed significant based on the known current and historical use of the Property.

In addition, the Property utilizes a septic system on the northern portion. If the Property is to be redeveloped, Converse recommends the septic system be abandoned according to applicable rules and regulations.

# 10.0 Deviations and Limitations

The following deviation and limitation from the ASTM Standard Practice was encountered while conducting this Phase I ESA:

• No deviations or limitations or exceptions were encountered during this assessment.

# 11.0 Additional Non-Scope Services

There are environmental issues outside the scope of the ASTM E1527-13 that can be assessed in connection with a commercial real estate transaction. These are dealt with as non-scope considerations since they do not typically present a Superfund Liability. The specific level of inquiry (if any) is defined in the Proposal which contains a Scope of Work. These non-scope services are very client specific and not covered by the ASTM standard. They are frequently related to the business environmental risk which is defined in the standard as "risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate…"

No non-scope issues were addressed as required in the Scope of Work.

# 12.0 Signature of Environmental Professional

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312.

I have the specific qualifications based on education, training and experience to assess a *property* of the nature, history, and setting of the *subject property*. I have developed and performed the all appropriate inquiries in conformance with the standard and practices set forth in 40 CFR Part 312.

Alex Fernandez

Senior Staff Environmental Scientist

This Phase I ESA was completed by the above Environmental Professional. A complete list of preparers, and their responsibilities for this assessment, is provided in the following section (Section 13.0, List of Preparers).

# 13.0 List of Preparers

#### Norman S. Eke

Senior Vice President/Managing Officer

B.A., Liberal Studies, Environmental Studies Emphasis, University of California, Santa Barbara, 1988.

Cal/OSHA Certified Asbestos Consultant, #96-2093 NIOSH 582 Equivalent Training

Senior Vice President and Managing Officer of Converse's California Environmental offices. Mr. Eke has served as the Principal-in-Charge and Contract Administrator to deliver services to our public agency and private clients. Mr. Eke has 24 years of experience in the fields of Environmental Due Diligence including Phase I and Phase II Environmental Site Assessments, Asbestos surveys/specifications/abatement monitoring, Preliminary Endangerment Assessments and associated Supplemental Site Investigations and Removal Action Work Plans/Implementation, various forms of Remediation, Human Health Risk Assessment and Indoor Air Quality. Mr. Eke is the current Subcommittee Chairman for E.50-02 Real Assessment and Management of the ASTM E.50 Committee on Environmental Assessment, Risk Management, Corrective Action, which includes Phase I ESA standards. By way of this national leadership role, Mr. Eke has up to date knowledge on key environmental guidance relating to environmental assessment of real estate.

Principal area of responsibility for this ESA report: Project Management, Client Point of Contact, and Quality Assurance/Quality Control and Technical Review.

#### Steven T. Weatherton

Project Manager

B.S., Environmental Science, Water Quality and Waste Management Emphasis, University of California, Riverside, 1995
Cal/OSHA Certified Asbestos Site Surveillance Technician, #00-2812
DPH Certified Lead- Related Construction Inspector/Assessor/Monitor, #10466

Mr. Weatherton is currently responsible for the day-to-day operations of the Environmental Department in the Redlands Office. Mr. Weatherton has 15 years experience in conducting Phase I and II Environmental Site Assessments, asbestos/lead/mold surveys and asbestos abatement monitoring, drinking water source assessment plans, conducting chemical spill protection control and counter measure plans and hazardous materials business plans as well as hazardous material site cleanup, and manifesting. Mr. Weatherton has environmental consulting experience on sites located throughout California, Nevada, and in the nation of Kosovo for NATO, and he has had direct experience interacting with various regulatory agencies.



Principal area of responsibility for this ESA report: Quality Assurance/Quality Control and Asbestos Sampling.

#### **Alex Fernandez**

Senior Staff Environmental Scientist

B.S., Environmental Science, University of California, Riverside, CA 1999 Cal/OSHA Certified Site Surveillance Technician, #09-4504 NIOSH 582 Equivalent, #120400LA-07

Mr. Fernandez has 14 years experience conducting Phase I and II Environmental Site Assessments throughout California. Mr. Fernandez has completed Phase I ESAs on undeveloped land, residential properties, and industrial facilities. His Phase II ESA experience includes soil sampling for residual agricultural chemicals and petroleum hydrocarbons; quarterly groundwater sampling; soil and groundwater remediation; and underground tank removals. Mr. Fernandez has assisted in developing and budgeting site investigation work plans for commercial and industrial use sites, former UST sites, proposed school sites, and agricultural sites. Mr. Fernandez has also performed asbestos surveys and abatement monitoring at sites throughout California.

Principal area of responsibility for this ESA report: Project Management, Historical Research, Regulatory Agency Interaction, Property Reconnaissance, Interviews, and Report Generation.

## 14.0 References

- California Department of Conservation, Division of Mines and Geology, <u>Geologic Map of California</u>, 2010.
- California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR), Online Mapping System, Review, June 2014.
- California Environmental Protection Agency (Cal/EPA), Department of Toxic Substances Control, Cypress Office, Request for Information, June 2014.
- Cal/EPA, EnviroStor Website (<a href="http://www.envirostor.dtsc.ca.gov/public/">http://www.envirostor.dtsc.ca.gov/public/</a>, June 2014.
- California Regional Water Quality Control Board, Santa Ana Region, Request for Information, June 2014.
- Cal/EPA, GeoTracker Website (<a href="http://geotracker.waterboards.ca.gov/">http://geotracker.waterboards.ca.gov/</a>), June 2014.
- Edwards, Mary, Regional Water Quality Control Board, Santa Ana Region, Personal Communication, June 2014.
- Riverside, City of, Building Department, Building Permit Review, June 2014.
- Riverside, City of, Planning Department, Zoning Information, June 2014.
- Environmental Data Resources (EDR), Inc., EDR-Radius Map Report with GeoCheck, June 2014.
- EDR, Inc., Request for Aerial Photographs and Sanborn Maps, June 2014.
- Riverside County, Department of Public Health, Division of Environmental Health Services, Request for Information, June 2014.
- South Coast Air Quality Management District, Request for Information, June 2014.
- United States Department of Transportation's Pipeline and Hazardous Materials Safety Administration online database, accessed June 2014.
- United States Geological Survey, 7.5-Minute Topographic Quadrangle, Riverside West, California, 1978, photorevised 1980.
- Western Municipal Water District, Cooperative Well Measurement Program, Spring 2013 Data.



# **Application for Authorization to Use**

# Appendix A

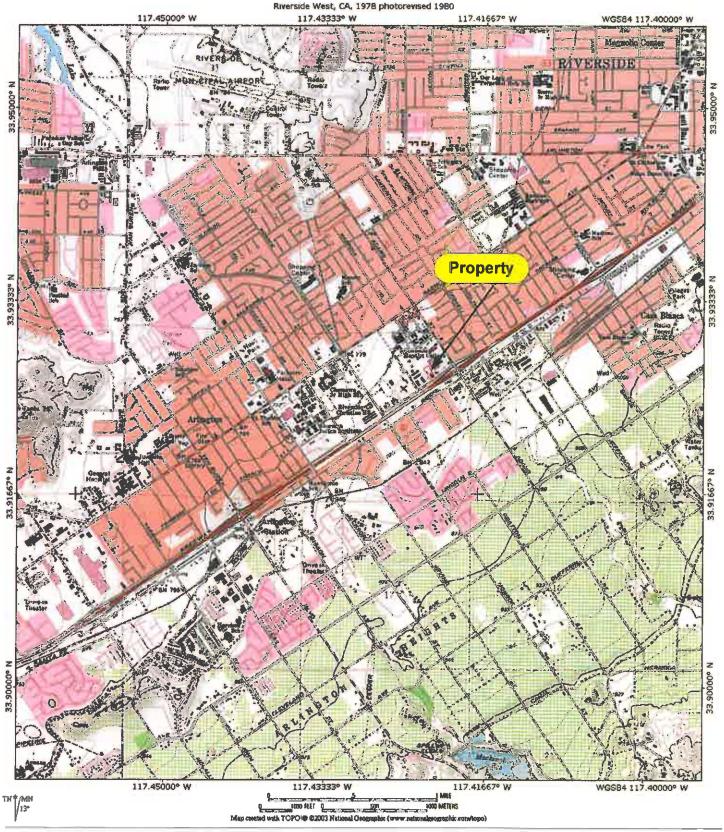
## **Application for Authorization to Use**

TO: Converse Consultants 10391 Corporate Drive Redlands, California 92374 Project Title & Date: Project Address: FROM: (Please identify name & address of person/entity applying for permission to use the referenced report.) hereby applies for permission to use Applicant the referenced report in order to: Applicant wishes or needs to use the referenced report because: Applicant also understands and agrees that the referenced document is a copyrighted document and shall remain the sole property of Converse Consultants. Unauthorized use or copying of the report is strictly prohibited without the express written permission of Converse Consultants. Applicant understands and agrees that Converse Consultants may withhold such permission at its sole discretion, or grant such permission upon agreement to Terms and Conditions, such as the payment of a re-use fee, amongst others. Applicant Signature: Applicant Name (print): Title: Date:



# **Property** Plans

# Appendix B



## **Property Location Map**



California Baptist University Riverside Free Methodist Church 8431 Diana Avenue, Riverside, California

**Project No** 14-16-151-01

FIGURE

FIC



## **Property Plan**



California Baptist University Riverside Free Methodist Church 8431 Diana Avenue, Riverside, California

**Project No** 14-16-151-01



## Pertinent Property Photographs

# Appendix C



1. View of Northern Boundary, Looking Wst



2. View of Southern Boundary and Worship Building, Looking Northeast.



California Baptist University Riverside Free Methodist Church 8431 Diana Avenue, Riverside, California

Project No:

14-16-151-01

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PAGE



3. View of East Boundary and Northeast Building, Looking South.



4. View of Western Boundary and Northwest Building, Looking South.



California Baptist University Riverside Free Methodist Church 8431 Diana Avenue, Riverside, California

Project No:

14-16-151-01



5. View of Church Building, Looking East.



6. View of Administrative Office at the Northeast Building.



California Baptist University Riverside Free Methodist Church 8431 Diana Avenue, Riverside, California

Project No:

14-16-151-01

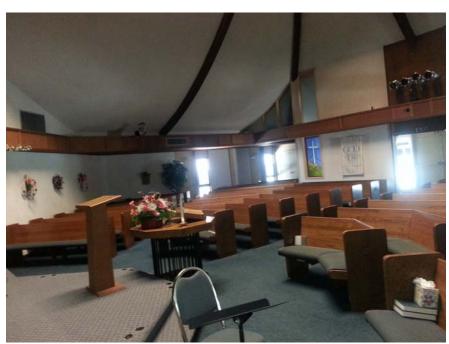
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PAGE

3



7. View of Janitor's Closet and Over the Counter Cleaning Chemicals at the Northwest Building.



8. View of Main Worship Hall at Church Building.

California Baptist University Riverside Free Methodist Church 8431 Diana Avenue, Riverside, California

Project No:

14-16-151-01



## **Converse Consultants**

PAGE

4

# Historic Aerial Photographs & Preliminary Title Report

# Appendix D

## **Riverside Free Methodist Church**

8431 Diana Avenue Riverside, CA 92504

Inquiry Number: 3967815.5

June 12, 2014

## The EDR Aerial Photo Decade Package



## **EDR Aerial Photo Decade Package**

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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## **Date EDR Searched Historical Sources:**

Aerial Photography June 12, 2014

## **Target Property:**

8431 Diana Avenue

Riverside, CA 92504

<u>Year</u>	Scale	<u>Details</u>	Source
1931	Aerial Photograph. Scale: 1"=500'	Flight Year: 1931	Fairchild
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	EDR
1948	Aerial Photograph. Scale: 1"=500'	Flight Year: 1948	EDR
1953	Aerial Photograph. Scale: 1"=500'	Flight Year: 1953	EDR
1963	Aerial Photograph. Scale: 1"=500'	Flight Year: 1963	Mark Hurd
1967	Aerial Photograph. Scale: 1"=500'	Flight Year: 1967	Western
1977	Aerial Photograph. Scale: 1"=500"	Flight Year: 1977	Teledyne
1990	Aerial Photograph. Scale: 1"=500'	Flight Year: 1990	USGS
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	EDR
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	EDR
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	EDR
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	EDR









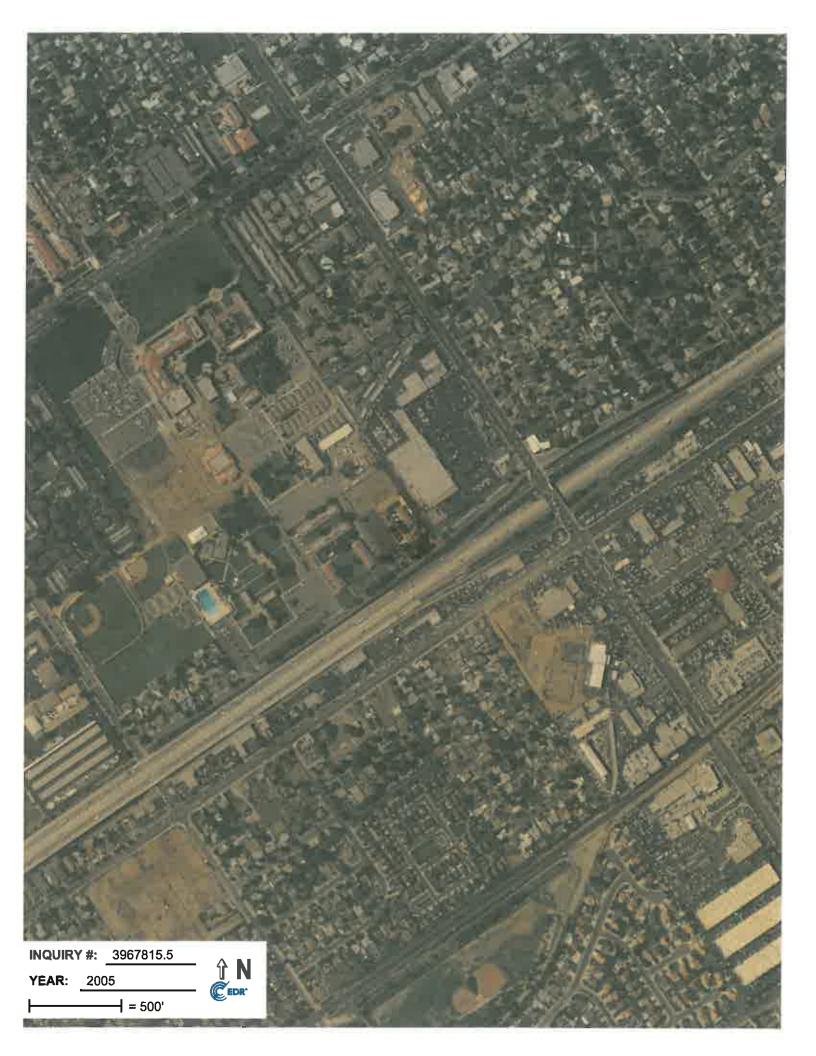


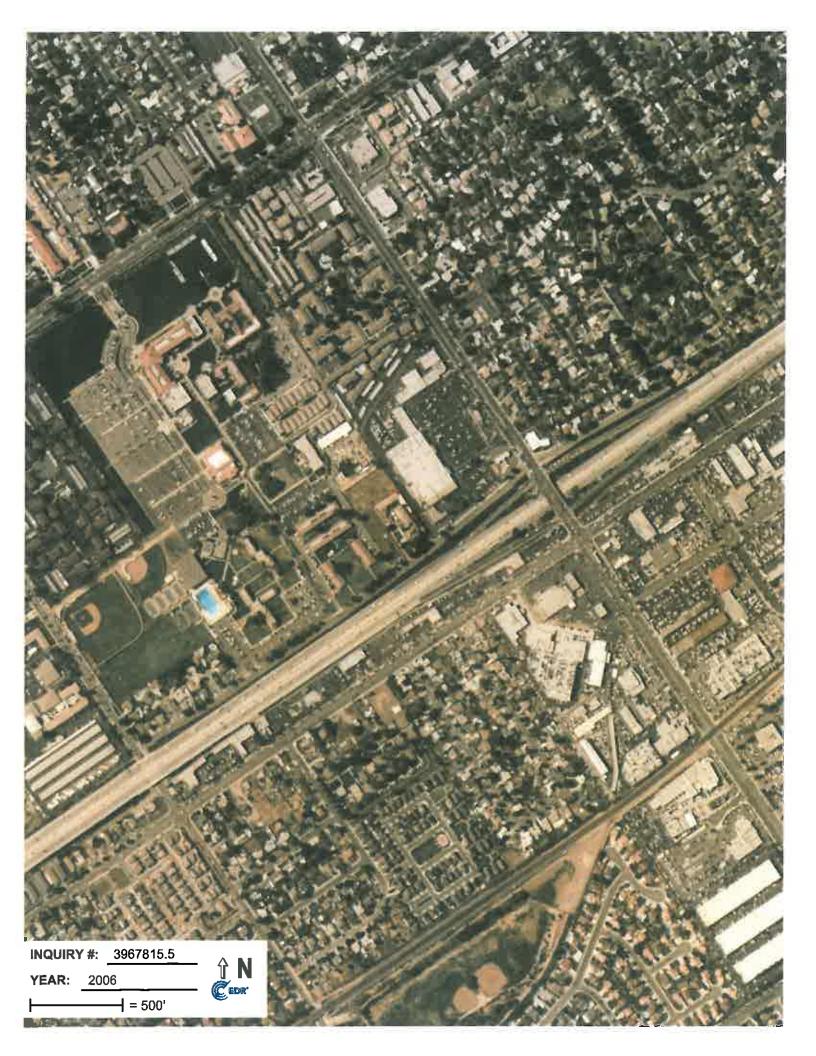


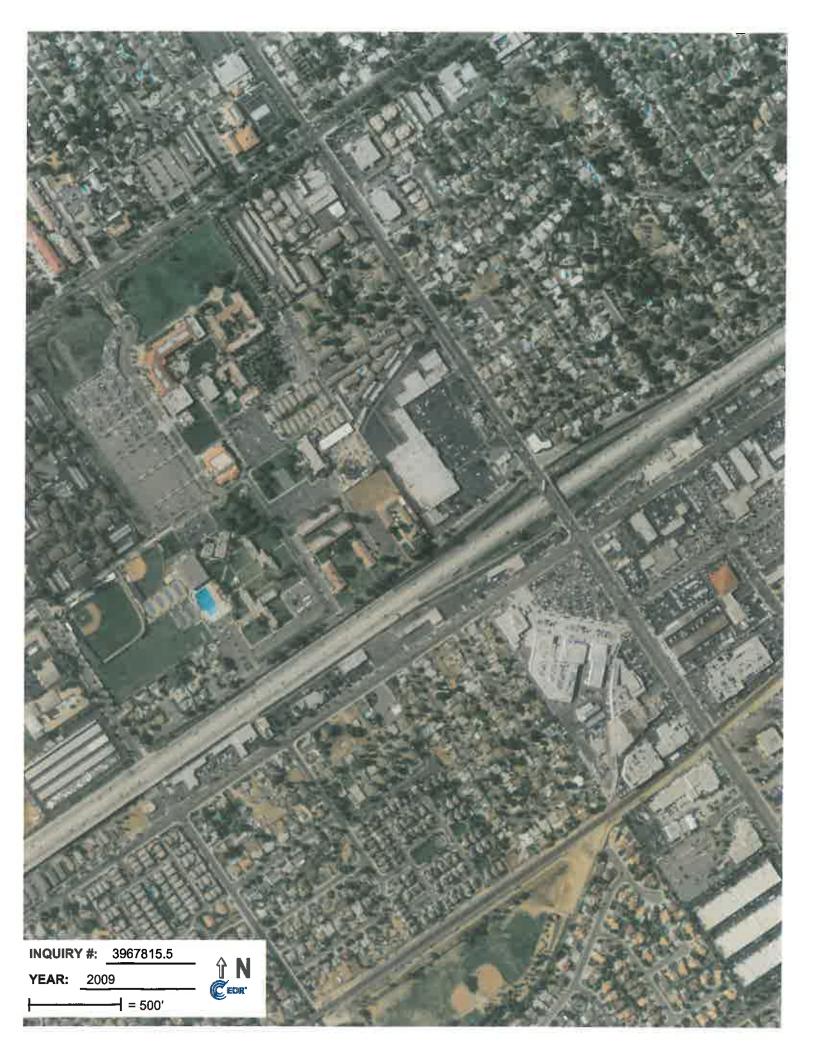


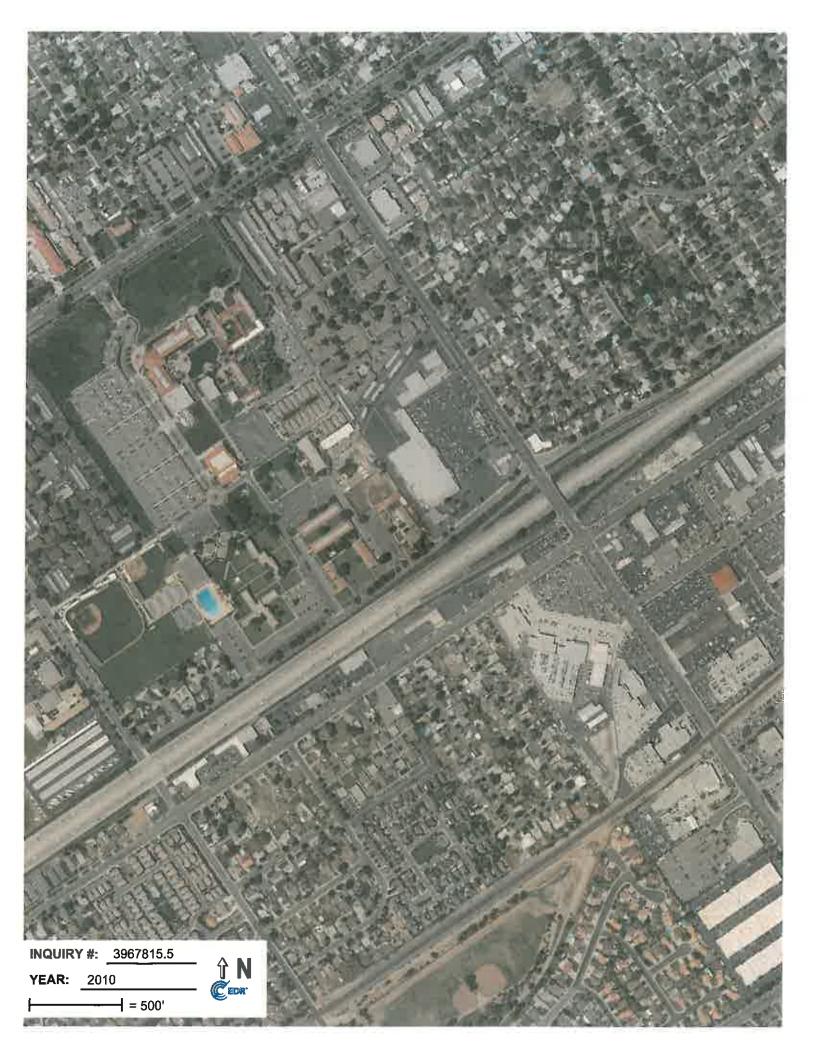


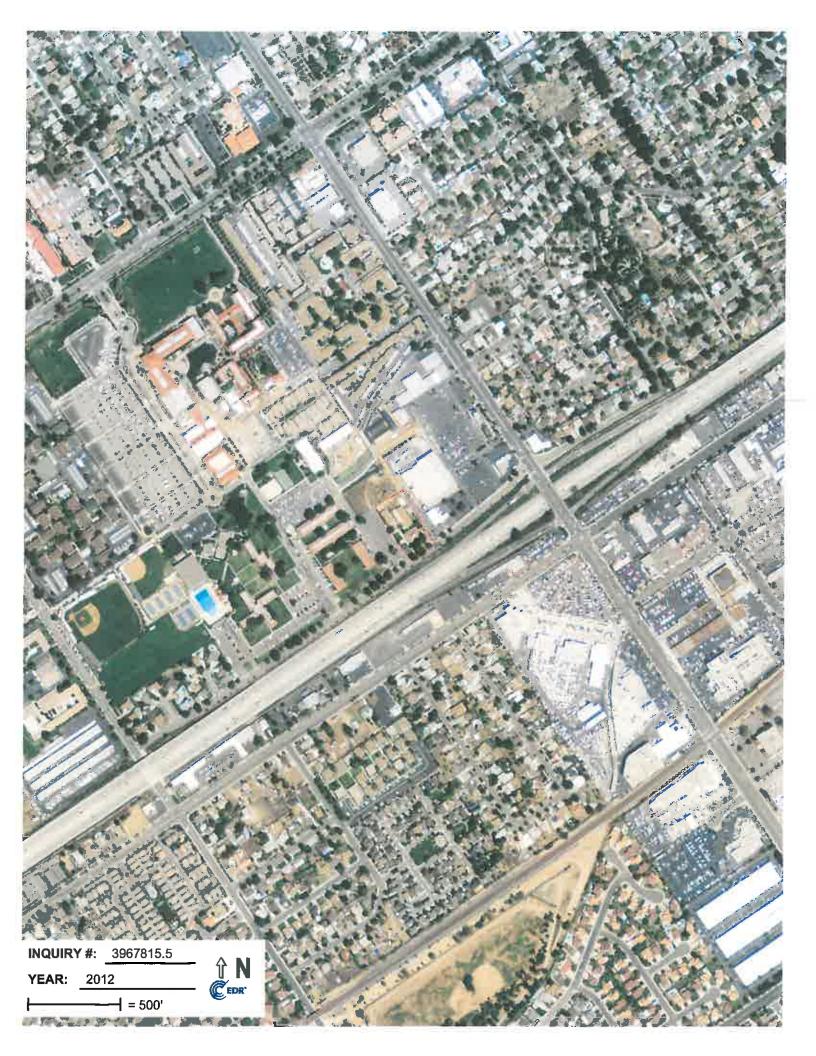














Lawyers Title Company 3480 Vine Street Suite 300 Riverside, CA 92507 Phone: (951) 774-0825

Fax: ( )

Lawyers Title Company 625 E. Carnegie Drive #105 San Bernardino, CA 92408

Attn: COLLEEN GRAVES

Title Officer: Peggy Jones--So

email: tu67@ltic.com

Phone No.: (951) 774-0825 x 617

Fax No.: (951) 781-1169 File No.: 613671314

Your Reference No:

Property Address: 8431 Diane Avenue, City of Riverside, California

## 2<sup>nd</sup> AMENDED PRELIMINARY REPORT

Dated as of May 29, 2014 at 7:30 a.m.

In response to the application for a policy of title insurance referenced herein, Lawyers Title Company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a policy or policies of title insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an exception herein or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations or Conditions of said policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Attachment One. The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. Limitation on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Attachment One. Copies of the policy forms should be read. They are available from the office which issued this report.

The policy(s) of title insurance to be issued hereunder will be policy(s) of **Commonwealth Land Title Insurance Company.** 

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Attachment One of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered. It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

## **SCHEDULE A**

The form of policy of title insurance contemplated by this report is:

ALTA Owners 2006 ALTA Loan 2006

The estate or interest in the land hereinafter described or referred to covered by this report is:

### A FEE

Title to said estate or interest at the date hereof is vested in:

First Free Methodist Church of Riverside, a Corporation

The land referred to herein is situated in the County of Riverside, State of California, and is described as follows:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

### **EXHIBIT "A"**

All that certain real property situated in the County of Riverside, State of California, described as follows:

The Northwesterly  $\frac{1}{2}$  of Lot 15 and that portion of Lot 10 lying Southeasterly of the lower canal of the Riverside Water Company, in Block 23 of the lands of the Riverside Land and Irrigation Company, in the City of Riverside, County of Riverside, State of California, as shown by map recorded in Book 1, Page 72 of Maps, in the Office of the County Recorder of San Bernardino County, California.

Except from Lot 15 that portion conveyed to the State of California by deed recorded April 22, 1955 in Book 1726, Page 421, of Official Records.

Also except the Southeasterly 4 feet as conveyed to the City of Riverside, a municipal corporation by deed recorded March 15, 1963 as Instrument No. 26396, in Book 3345,Page 222, of Official Records.

Also except that portion conveyed to Dana B. Horn, Trustee of the DBH Trust by deed recorded December 21, 1979 as Instrument No. 271020 of Official Records.

Also except from the remainder of said land the Southwesterly 5 acres thereof; the Northeasterly line of said Southwesterly 5 acres being parallel to the Northeasterly line of said Lots.

Assessor's Parcel Number: 231-070-007-2

### **SCHEDULE B - Section A**

The following exceptions will appear in policies when providing standard coverage as outlined below:

- 1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
- 2. Any facts, rights, interests or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may asserted by persons in possession of the Land.
- 3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
- 4. Any encroachment, encumbrance, violation, variation or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
- 5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the Public Records.
- 6. Any lien or right to a lien for services, labor or material not shown by the Public Records.

## **SCHEDULE B - Section B**

At the date hereof Exceptions to coverage in addition to the printed exceptions and exclusions in said policy form would be as follows:

- A. Property taxes, which are a lien not yet due and payable, including any assessments collected with taxes to be levied for the fiscal year 2014-2015.
- B. The herein described Land is within the boundaries of the Mello-Roos Community Facilities District(s). The annual assessments, if any, are collected with the county property taxes. Failure to pay said taxes prior to the delinquency date may result in the above assessment being removed from the county tax roll and subjected to Accelerated Judicial Bond Foreclosure. Inquiry should be made with said District for possible stripped assessments and prior delinquencies.
- C. The lien of supplemental taxes, if any, assessed pursuant to the provisions of Chapter 3.5 (Commencing with Section 75) of the Revenue and Taxation Code of the State of California.
- 1. Water rights, claims or title to water, whether or not disclosed by the public records.
- 2. Easement(s) in favor of the public over any existing roads lying within said Land.
- 3. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The Riverside Land and Irrigation Company, and the Riverside

Canal Company

Purpose: water ditches Recording Date: April 26, 1882

Recording No: in Book 28, Page 635 of Deeds, San Bernardino County Records

Affects: Said land more particularly described therein

4. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Riverside Water Company Purpose: water pipes and ditches

Recording Date: August 15, 1885

Recording No: in Book 42, Pages 294 and 296 of Deeds, San Bernardino County

Records, of Official Records

Affects: Said land more particularly described therein

5. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: City of Riverside

Purpose: electric lines and cables and ingress and egress

Recording Date: March 15, 1963

Recording No: in Book 3345, Page 216 of Official Records
Affects: Said land more particularly described therein

6. Any boundary discrepancies, rights or claims which may exist or arise as disclosed by a Record of Survey

Recorded in Book 39, Page 50 Records of Survey

Any boundary discrepancies, rights or claims which may exist or arise as disclosed by a Record of Survey

Recorded in Book 67, Page 32 Records of Survey

 The matters contained in a document entitled "Certificate of Compliance PMW 21-789" recorded May 20, 1996 as Instrument No. 184927 of Official Records.

Reference is made to said document for full particulars.

9. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

Entitled: Memorandum of Sublease

Lessor: Los Angeles SMSA Limited Partnership dba Verizon Wireless

Lessee: California Tower, Inc., a Delaware Corporation

Recording Date: October 25, 2000

Recording No: as Instrument No. 2000-419723 of Official Records

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

The matters contained in a document entitled "Memorandum of Site Agreement" recorded April 29, 2004 as Instrument No. 2004-0315701 of Official Records.

Reference is made to said document for full particulars.

10. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

Entitled: Memorandum of Land Lease Agreement Lessor: First Free Methodist Church of Riverside

Lessee: Los Angeles SMSA Limited Partnership, d/b/a Verizon Wireless

Recording Date: September 22, 2009

Recording No: as Instrument No. 2009-0492467 of Official Records

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

- 11. Please be advised that our search did not disclose any open Deeds of Trust of record. If you should have knowledge of any outstanding obligation, please contact the Title Department immediately for further review prior to closing.
- 12. Matters which may be disclosed by an inspection and/or by a correct ALTA/ACSM Land Title Survey of said Land that is satisfactory to the Company, and/or by inquiry of the parties in possession thereof.
- 13. Any rights of the parties in possession of a portion of, or all of, said Land, which rights are not disclosed by the public records.

The Company will require, for review, a full and complete copy of any unrecorded agreement, contract, license and/or lease, together with all supplements, assignments and amendments thereto, before issuing any policy of title insurance without excepting this item from coverage.

The Company reserves the right to except additional items and/or make additional requirements after reviewing said documents.

14. Any easements not disclosed by the public records as to matters affecting title to real property, whether or not said easements are visible and apparent.

15. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other matters which a correct survey would disclose and which are not shown by the public records.

### **END OF SCHEDULE B EXCEPTIONS**

PLEASE REFER TO THE "NOTES AND REQUIREMENTS SECTION" WHICH FOLLOWS FOR INFORMATION NECESSARY TO COMPLETE THIS TRANSACTION

#### **REQUIREMENTS SECTION:**

Req. No. 1: In order to complete this report, the Company requires a Statement of Information to be completed by the following party(s),

Party(s): Buyers/Sellers

The Company reserves the right to add additional items or make further requirements after review of the requested Statement of Information.

NOTE: The Statement of Information is necessary to complete the search and examination of title under this order. Any title search includes matters that are indexed by name only, and having a completed Statement of Information assists the Company in the elimination of certain matters which appear to involve the parties but in fact affect another party with the same or similar name. Be assured that the Statement of Information is essential and will be kept strictly confidential to this file.

Req. No. 2: The Company will require the following documents for review prior to the issuance of any title assurance predicated upon a conveyance or encumbrance by the corporation named below:

Name of Corporation: First Free Methodist Church of Riverside, a Corporation

- a) A Copy of the corporation By-laws and Articles of Incorporation
- b) An original or certified copy of a resolution authorizing the transaction contemplated herein
- c) If the Articles and/or By-laws require approval by a 'parent' organization, a copy of the Articles and By-laws of the parent

The Company reserves the right to add additional items or make further requirements after review of the requested documentation.

#### **INFORMATIONAL NOTES SECTION**

Note No. 1: The information on the attached plat is provided for your convenience as a guide to the general location of the subject property. The accuracy of this plat is not guaranteed, nor is it a part of any policy, report or guarantee to which it may be attached.

Note No. 2: California insurance code section 12413.1 regulates the disbursement of escrow and sub-escrow funds by title companies. The law requires that funds be deposited in the title company escrow account and available for withdrawal prior to disbursement. Funds deposited with the company by wire transfer may be disbursed upon receipt. Funds deposited with the company via cashier's check or teller's check drawn on a California based bank may be disbursed on the next business day after the day of deposit. If funds are deposited with the company by other methods, recording and/or disbursement may be delayed. All escrow and sub-escrow funds received by the company will be deposited with other escrow funds in one or more non-interest bearing escrow accounts of the company in a financial institution selected by the company. The company may receive certain direct or indirect benefits from the financial institution by reason of the deposit of such funds or the maintenance of such accounts with such financial institution, and the company shall have no obligation to account to the depositing party in any manner for the value of, or to pay to such party, any benefit received by the company. Those benefits may include, without limitation, credits allowed by such financial institution on loans to the company or its parent company and earnings on investments made with the proceeds of such loans, accounting, reporting and other services and products of such financial institution. Such benefits shall be deemed additional compensation of the company for its services in connection with the escrow or sub-escrow.

#### WIRING INSTRUCTIONS FOR THIS OFFICE ARE:

Union Bank 1980 Saturn Street, V03-012 Monterey Park, CA 91755 (800) 849-6466 ABA # 122000496 CREDIT TO: Lawyers Title Company ACCOUNT #: 9101081413

RE: 613671314

#### PLEASE INDICATE Lawyers Title Company TITLE ORDER NUMBER

Note No. 3: Lawyers Title is a division of Commonwealth Land Title Insurance Company. The insurer in policies of title insurance, when issued in this transaction, will be Commonwealth Land Title Insurance Company.

Note No. 4: None of the items shown in this report will cause the Company to decline to attach CLTA Endorsement Form 100 to an ALTA Loan Policy, when issued.

Note No. 5: The following information will be included in the CLTA Form 116 or ALTA Form 22-06 Endorsement to be issued pursuant to this order:

There is located on said Land: commercial/industrial property Known as: 8431 Diane Avenue, City of Riverside, California

- Note No. 6: There are no conveyances affecting said Land recorded within 24 months of the date of this report.
- Note No. 7: The Company requires current beneficiary demands prior to closing. If the demand is expired and a current demand cannot be obtained, our requirements will be as follows:
  - a) If the Company accepts a verbal update on the demand, we may hold an amount equal to one monthly mortgage payment. This hold will be in addition to the verbal hold the lender may have stipulated.
  - b) If the Company cannot obtain a verbal update on the demand, we will either pay off the expired demand or wait for the amended demand, at our discretion.
  - c) All payoff figures are verified at closing. If the customer's last payment was made within 15 days of closing, our Payoff Department may hold one month's payment to insure the check has cleared the bank (unless a copy of the cancelled check is provided, in which case there will be no hold).
- Note No. 8: Property taxes, including any personal property taxes and any assessments collected with taxes, are paid. For proration purposes the amounts were:

 Tax Identification No.:
 231-070-007-2

 Fiscal Year:
 2013-2014

 1st Installment:
 \$200.07

 2nd Installment:
 \$200.07

 Exemption:
 -0 

 Code Area:
 009-002

Processor: cph / cph

Date Typed: // June 5, 2014

#### ATTACHMENT ONE

#### CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY – 1990

#### EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

- 1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
  - (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
- Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
- 3. Defects, liens, encumbrances, adverse claims or other matters:
  - (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
  - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
  - (c) resulting in no loss or damage to the insured claimant;
  - (d) attaching or created subsequent to Date of Policy; or
  - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
- 4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
- 5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
- 6. Any claim, which arises out of the transaction vesting in the insured the estate of interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights

#### **EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I**

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

- Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
  - Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
- Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
- 3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
- Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
- 5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
- 6. Any lien or right to a lien for services, labor or material not shown by the public records.

# CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE (02-03-10) ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE

#### **EXCLUSIONS**

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

- 1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
  - building
  - b. zoning;
  - c. land use;
  - d. improvements on the Land;
  - e. land division; and
  - f. environmental protection.
  - This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
- The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
- 3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
- 4. Risks:
  - a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
  - b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
  - c. that result in no loss to You; or
  - d. that first occur after the Policy Date this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
- 5. Failure to pay value for Your Title.
- 6. Lack of a right:
  - a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
  - b. in streets, alleys, or waterways that touch the Land.

This Exclusion does not limit the coverage described in Covered Risk 11 or 21.

7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.

#### LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

• For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

Our Maximum Dollar

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	Your Deductible Amount	Limit of Liability
Covered Risk 16:	1.00% of Policy Amount Shown in Schedule A	\$ <u>10,000.00</u>
	or \$ <u>2,500.00</u>	
	(whichever is less)	
Covered Risk 18:	1.00% of Policy Amount Shown in Schedule A	\$ <u>25,000.00</u>
	or \$ <u>5,000.00</u>	
	(whichever is less)	
Covered Risk 19:	1.00% of Policy Amount Shown in Schedule A	\$ <u>25,000.00</u>
	or \$ <u>5,000.00</u>	
	(whichever is less)	
Covered Risk 21:	1.00% of Policy Amount Shown in Schedule A	\$ <u>5,000.00</u>
	or \$2,500.00	
	(whichever is less)	

# AMERICAN LAND TITLE ASSOCIATION RESIDENTIAL TITLE INSURANCE POLICY (6-1-87)

#### **EXCLUSIONS**

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

- Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
  - land use
  - · improvements on the land
  - land division
  - environmental protection

This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date.

This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.

- 2. The right to take the land by condemning it, unless:
  - a notice of exercising the right appears in the public records
  - on the Policy Date
  - the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking
- Title Risks:
  - · that are created, allowed, or agreed to by you
  - that are known to you, but not to us, on the Policy Date unless they appeared in the public records
  - that result in no loss to you
  - that first affect your title after the Policy Date this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
- 4. Failure to pay value for your title.
- 5. Lack of a right:
  - to any land outside the area specifically described and referred to in Item 3 of Schedule A

OR

• in streets, alleys, or waterways that touch your land

This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

#### 2006 ALTA LOAN POLICY (06-17-06) EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

- (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - (i) the occupancy, use, or enjoyment of the Land;
  - (ii) the character, dimensions, or location of any improvement erected on the Land;
  - (iii) the subdivision of land; or
  - (iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
- Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
- 3. Defects, liens, encumbrances, adverse claims, or other matters
  - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13 or 14); or
  - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
- 4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
- 5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
- 6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
  - (a) a fraudulent conveyance or fraudulent transfer, or
  - (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.

 Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

#### EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) that arise by reason of:

- 1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
- 2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
- 3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
- 4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
- 5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
- 6. Any lien or right to a lien for services, labor or material not shown by the public records.

#### 2006 ALTA OWNER'S POLICY (06-17-06) EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

- (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - (i) the occupancy, use, or enjoyment of the Land;
  - (ii) the character, dimensions, or location of any improvement erected on the Land;
  - (iii) the subdivision of land; or
  - (iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
- 2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
- 3. Defects, liens, encumbrances, adverse claims, or other matters
  - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
  - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
- 4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
  - (a) a fraudulent conveyance or fraudulent transfer; or
  - (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
- Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

#### **EXCEPTIONS FROM COVERAGE**

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) that arise by reason of:

- 1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
- 2. Any facts, rights, interests, or claims that are not shown in the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
- 3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
- 4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and that are not shown by the Public Records.
- 5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
- 6. Any lien or right to a lien for services, labor or material not shown by the public records.

Attachment One (Revised 06-03-11) CA, NV, HI and Guam

# ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (07-26-10) EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

- (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - (i) the occupancy, use, or enjoyment of the Land;
  - (ii) the character, dimensions, or location of any improvement erected on the Land;
  - (iii) the subdivision of land; or
  - (iv) environmental protection;
  - or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
  - (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
- 2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
- 3. Defects, liens, encumbrances, adverse claims, or other matters
  - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy:
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
  - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
- 4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
- 5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
- 6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
- 7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
- 8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
- 9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
  - (a) a fraudulent conveyance or fraudulent transfer, or
  - (b) a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.



Lawyers Title Company 3480 Vine Street Suite 300 Riverside, CA 92507 Phone: (951) 774-0825

Fax: ( )

Order No. 613671314

#### **Notice of Available Discounts**

Pursuant to Section 2355.3 in Title 10 of the California Code of Regulations Fidelity National Financial, Inc. and its subsidiaries ("FNF") must deliver a notice of each discount available under our current rate filing along with the delivery of escrow instructions, a preliminary report or commitment. Please be aware that the provision of this notice does not constitute a waiver of the consumer's right to be charged the filed rate. As such, your transaction may not qualify for the below discounts.

You are encouraged to discuss the applicability of one or more of the below discounts with a Company representative. These discounts are generally described below; consult the rate manual for a full description of the terms, conditions and requirements for such discount. These discounts only apply to transactions involving services rendered by the FNF Family of Companies. This notice only applies to transactions involving property improved with a one-to-four family residential dwelling.

#### **FNF Underwritten Title Company**

LTC - Lawyers Title Company

#### **FNF Underwriter**

CLTIC - Commonwealth Land Title Insurance Co.

#### **Available Discounts**

#### **DISASTER LOANS (CLTIC)**

The charge for a Lender's Policy (Standard or Extended coverage) covering the financing or refinancing by an owner of record, within 24 months of the date of a declaration of a disaster area by the government of the United States or the State of California on any land located in said area, which was partially or totally destroyed in the disaster, will be 50% of the appropriate title insurance rate.

#### **EMPLOYEE RATE (LTC and CLTIC)**

No charge shall be made to employees (including employees on approved retirement) of the Company or its underwritten, subsidiary or affiliated title companies for policies or escrow services in connection with financing, refinancing, sale or purchase of the employees' bona fide home property. Waiver of such charges is authorized only in connection with those costs which the employee would be obligated to pay, by established custom, as a party to the transaction.

Notice of Available Discount Mod. 10/21/2011

## FIDELITY NATIONAL FINANCIAL PRIVACY NOTICE

Fidelity National Financial, Inc. and its majority-owned subsidiary companies providing real estate- and loan-related services (collectively, "FNF", "our" or "we") respect and are committed to protecting your privacy. This Privacy Notice lets you know how and for what purposes your Personal Information (as defined herein) is being collected, processed and used by FNF. We pledge that we will take reasonable steps to ensure that your Personal Information will only be used in ways that are in compliance with this Privacy Notice.

This Privacy Notice is only in effect for any generic information and Personal Information collected and/or owned by FNF, including collection through any FNF website and any online features, services and/or programs offered by FNF (collectively, the "Website"). This Privacy Notice is not applicable to any other web pages, mobile applications, social media sites, email lists, generic information or Personal Information collected and/or owned by any entity other than FNF.

#### **Collection and Use of Information**

The types of personal information FNF collects may include, among other things (collectively, "Personal Information"): (1) contact information (*e.g.*, name, address, phone number, email address); (2) demographic information (*e.g.*, date of birth, gender marital status); (3) Internet protocol (or IP) address or device ID/UDID; (4) social security number (SSN), student ID (SIN), driver's license, passport, and other government ID numbers; (5) financial account information; and (6) information related to offenses or criminal convictions.

In the course of our business, we may collect Personal Information about you from the following sources:

- Applications or other forms we receive from you or your authorized representative;
- Information we receive from you through the Website;
- Information about your transactions with or services performed by us, our affiliates, or others; and
- From consumer or other reporting agencies and public records maintained by governmental entities that we either obtain directly from those entities, or from our affiliates or others.

Information collected by FNF is used for three main purposes:

- To provide products and services to you or one or more third party service providers (collectively, "Third Parties") who are obtaining services on your behalf or in connection with a transaction involving you.
- To improve our products and services that we perform for you or for Third Parties.
- To communicate with you and to inform you about FNF's, FNF's affiliates and third parties' products and services.

### Additional Ways Information is Collected Through the Website

**Browser Log Files**. Our servers automatically log each visitor to the Website and collect and record certain information about each visitor. This information may include IP address, browser language,

browser type, operating system, domain names, browsing history (including time spent at a domain, time and date of your visit), referring/exit web pages and URLs, and number of clicks. The domain name and IP address reveal nothing personal about the user other than the IP address from which the user has accessed the Website.

Cookies. From time to time, FNF or other third parties may send a "cookie" to your computer. A cookie is a small piece of data that is sent to your Internet browser from a web server and stored on your computer's hard drive and that can be re-sent to the serving website on subsequent visits. A cookie, by itself, cannot read other data from your hard disk or read other cookie files already on your computer. A cookie, by itself, does not damage your system. We, our advertisers and other third parties may use cookies to identify and keep track of, among other things, those areas of the Website and third party websites that you have visited in the past in order to enhance your next visit to the Website. You can choose whether or not to accept cookies by changing the settings of your Internet browser, but some functionality of the Website may be impaired or not function as intended. See the Third Party Opt Out section below.

Web Beacons. Some of our web pages and electronic communications may contain images, which may or may not be visible to you, known as Web Beacons (sometimes referred to as "clear gifs"). Web Beacons collect only limited information that includes a cookie number; time and date of a page view; and a description of the page on which the Web Beacon resides. We may also carry Web Beacons placed by third party advertisers. These Web Beacons do not carry any Personal Information and are only used to track usage of the Website and activities associated with the Website. See the Third Party Opt Out section below.

Unique Identifier. We may assign you a unique internal identifier to help keep track of your future visits. We may use this information to gather aggregate demographic information about our visitors, and we may use it to personalize the information you see on the Website and some of the electronic communications you receive from us. We keep this information for our internal use, and this information is not shared with others.

Third Party Opt Out. Although we do not presently, in the future we may allow third-party companies to serve advertisements and/or collect certain anonymous information when you visit the Website. These companies may use non-personally identifiable information (e.g., click stream information, browser type, time and date, subject of advertisements clicked or scrolled over) during your visits to the Website in order to provide advertisements about products and services likely to be of greater interest to you. These companies typically use a cookie or third party Web Beacon to collect this information, as further described above. Through these technologies, the third party may have access to and use non-personalized information about your online usage activity.

You can opt-out of online behavioral services through any one of the ways described below. After you opt-out, you may continue to receive advertisements, but those advertisements will no longer be as relevant to you.

- You can opt-out via the Network Advertising Initiative industry opt-out at http://www.networkadvertising.org/.
- You can opt-out via the Consumer Choice Page at www.aboutads.info.
- For those in the U.K., you can opt-out via the IAB UK's industry opt-out at www.youronlinechoices.com.
- You can configure your web browser (Chrome, Firefox, Internet Explorer, Safari, etc.) to delete and/or control the use of cookies.

More information can be found in the Help system of your browser. Note: If you opt-out as described above, you should not delete your cookies. If you delete your cookies, you will need to opt-out again.

#### When Information Is Disclosed By FNF

We may provide your Personal Information (excluding information we receive from consumer or other credit reporting agencies) to various individuals and companies, as permitted by law, without obtaining your prior authorization. Such laws do not allow consumers to restrict these disclosures. Disclosures may include, without limitation, the following:

- To agents, brokers, representatives, or others to provide you
  with services you have requested, and to enable us to detect
  or prevent criminal activity, fraud, material
  misrepresentation, or nondisclosure in connection with an
  insurance transaction;
- To third-party contractors or service providers who provide services or perform marketing services or other functions on our behalf;
- To law enforcement or other governmental authority in connection with an investigation, or civil or criminal subpoenas or court orders; and/or
- To lenders, lien holders, judgment creditors, or other parties claiming an encumbrance or an interest in title whose claim or interest must be determined, settled, paid or released prior to a title or escrow closing.

In addition to the other times when we might disclose information about you, we might also disclose information when required by law or in the good-faith belief that such disclosure is necessary to: (1) comply with a legal process or applicable laws; (2) enforce this Privacy Notice; (3) respond to claims that any materials, documents, images, graphics, logos, designs, audio, video and any other information provided by you violates the rights of third parties; or (4) protect the rights, property or personal safety of FNF, its users or the public.

We maintain reasonable safeguards to keep the Personal Information that is disclosed to us secure. We provide Personal Information and non- Personal Information to our subsidiaries, affiliated companies, and other businesses or persons for the purposes of processing such information on our behalf and promoting the services of our trusted business partners, some or all of which may store your information on servers outside of the United States. We require that these parties agree to process such information in compliance with our Privacy Notice or in a similar, industry-standard manner, and we use reasonable efforts to limit their use of such information and to use other appropriate confidentiality and security measures. The use of your information by one of our trusted business partners may be subject to that party's own Privacy Notice. We

do not, however, disclose information we collect from consumer or credit reporting agencies with our affiliates or others without your consent, in conformity with applicable law, unless such disclosure is otherwise permitted by law.

We also reserve the right to disclose Personal Information and/or non-Personal Information to take precautions against liability, investigate and defend against any third-party claims or allegations, assist government enforcement agencies, protect the security or integrity of the Website, and protect the rights, property, or personal safety of FNF, our users or others

We reserve the right to transfer your Personal Information, as well as any other information, in connection with the sale or other disposition of all or part of the FNF business and/or assets. We also cannot make any representations regarding the use or transfer of your Personal Information or other information that we may have in the event of our bankruptcy, reorganization, insolvency, receivership or an assignment for the benefit of creditors, and you expressly agree and consent to the use and/or transfer of your Personal Information or other information in connection with a sale or transfer of some or all of our assets in any of the above described proceedings. Furthermore, we cannot and will not be responsible for any breach of security by any third parties or for any actions of any third parties that receive any of the information that is disclosed to us.

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We do not collect Personal Information from any person that we know to be under the age of thirteen (13). Specifically, the Website is not intended or designed to attract children under the age of thirteen (13). You affirm that you are either more than 18 years of age, or an emancipated minor, or possess legal parental or guardian consent, and are fully able and competent to enter into the terms, conditions, obligations, affirmations, representations, and warranties set forth in this Privacy Notice, and to abide by and comply with this Privacy Notice. In any case, you affirm that you are over the age of 13, as THE WEBSITE IS NOT INTENDED FOR CHILDREN UNDER 13 THAT ARE UNACCOMPANIED BY HIS OR HER PARENT OR LEGAL GUARDIAN.

Parents should be aware that FNF's Privacy Notice will govern our use of Personal Information, but also that information that is voluntarily given by children – or others – in email exchanges, bulletin boards or the like may be used by <u>other parties</u> to generate unsolicited communications. FNF encourages all parents to instruct their children in the safe and responsible use of their Personal Information while using the Internet.

#### **Privacy Outside the Website**

The Website may contain various links to other websites, including links to various third party service providers. FNF is not and cannot be responsible for the privacy practices or the content of any of those other websites. Other than under agreements with certain reputable organizations and companies, and except for third party service providers

whose services either we use or you voluntarily elect to utilize, we do not share any of the Personal Information that you provide to us with any of the websites to which the Website links, although we may share aggregate, non-Personal Information with those other third parties. Please check with those websites in order to determine their privacy policies and your rights under them.

#### **European Union Users**

If you are a citizen of the European Union, please note that we may transfer your Personal Information outside the European Union for use for any of the purposes described in this Privacy Notice. By providing FNF with your Personal Information, you consent to both our collection and such transfer of your Personal Information in accordance with this Privacy Notice.

#### **Choices with Your Personal Information**

Whether you submit Personal Information to FNF is entirely up to you. You may decide not to submit Personal Information, in which case FNF may not be able to provide certain services or products to you.

You may choose to prevent FNF from disclosing or using your Personal Information under certain circumstances ("opt out"). You may opt out of any disclosure or use of your Personal Information for purposes that are incompatible with the purpose(s) for which it was originally collected or for which you subsequently gave authorization by notifying us by one of the methods at the end of this Privacy Notice. Furthermore, even where your Personal Information is to be disclosed and used in accordance with the stated purposes in this Privacy Notice, you may elect to opt out of such disclosure to and use by a third party that is not acting as an agent of FNF. As described above, there are some uses from which you cannot opt-out.

Please note that opting out of the disclosure and use of your Personal Information as a prospective employee may prevent you from being hired as an employee by FNF to the extent that provision of your Personal Information is required to apply for an open position.

If FNF collects Personal Information from you, such information will not be disclosed or used by FNF for purposes that are incompatible with the purpose(s) for which it was originally collected or for which you subsequently gave authorization unless you affirmatively consent to such disclosure and use.

You may opt out of online behavioral advertising by following the instructions set forth above under the above section "Additional Ways That Information Is Collected Through the Website," subsection "Third Party Opt Out."

#### **Access and Correction**

To access your Personal Information in the possession of FNF and correct inaccuracies of that information in our records, please contact us in the manner specified at the end of this Privacy Notice. We ask individuals to identify themselves and the information requested to be accessed and amended before processing such requests, and we may decline to process requests in limited circumstances as permitted by applicable privacy legislation.

#### Your California Privacy Rights

Under California's "Shine the Light" law, California residents who provide certain personally identifiable information in connection with obtaining products or services for personal, family or household use are entitled to request and obtain from us once a calendar year information about the customer information we shared, if any, with other businesses for their own direct marketing uses. If applicable, this information would include the categories of customer information and the names and addresses of those businesses with which we shared customer information for the immediately prior calendar year (e.g., requests made in 2013 will receive information regarding 2012 sharing activities).

To obtain this information on behalf of FNF, please send an email message to privacy@fnf.com with "Request for California Privacy Information" in the subject line and in the body of your message. We will provide the requested information to you at your email address in response.

Please be aware that not all information sharing is covered by the "Shine the Light" requirements and only information on covered sharing will be included in our response.

Additionally, because we may collect your Personal Information from time to time, California's Online Privacy Protection Act requires us to disclose how we respond to "do not track" requests and other similar mechanisms. Currently, our policy is that we do not recognize "do not track" requests from Internet browsers and similar devices.

#### Your Consent to This Privacy Notice

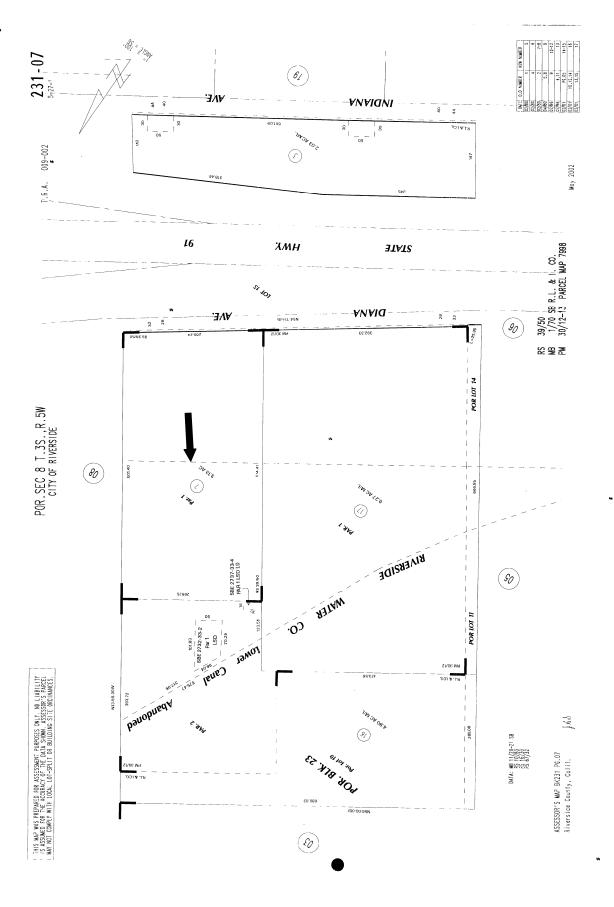
By submitting Personal Information to FNF, you consent to the collection and use of information by us as specified above or as we otherwise see fit, in compliance with this Privacy Notice, unless you inform us otherwise by means of the procedure identified below. If we decide to change this Privacy Notice, we will make an effort to post those changes on the Website. Each time we collect information from you following any amendment of this Privacy Notice will signify your assent to and acceptance of its revised terms for all previously collected information and information collected from you in the future. We may use comments, information or feedback that you may submit in any manner that we may choose without notice or compensation to you.

If you have additional questions or comments, please let us know by sending your comments or requests to:

Fidelity National Financial, Inc. 601 Riverside Avenue Jacksonville, Florida 32204 Attn: Chief Privacy Officer (888) 934-3354 privacy@fnf.com

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EFFECTIVE AS OF: JANUARY 24, 2014 LAST UPDATED: JANUARY 24, 2014



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# EDR-Radius Map Report

# Appendix E

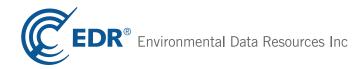
#### **Riverside Free Methodist Church**

8431 Diana Avenue Riverside, CA 92504

Inquiry Number: 3967815.2s

June 09, 2014

# The EDR Radius Map™ Report with GeoCheck®



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**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

#### TARGET PROPERTY INFORMATION

#### **ADDRESS**

8431 DIANA AVENUE RIVERSIDE, CA 92504

#### **COORDINATES**

Latitude (North): 33.9269000 - 33° 55' 36.84" Longitude (West): 117.4224000 - 117° 25' 20.64"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 460957.9 UTM Y (Meters): 3753937.0

Elevation: 823 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33117-H4 RIVERSIDE WEST, CA

Most Recent Revision: 1980

#### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Photo Year: 2012 Source: USDA

#### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

#### **DATABASES WITH NO MAPPED SITES**

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

#### STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List

Proposed NPL..... Proposed National Priority List Sites NPL LIENS..... Federal Superfund Liens Federal Delisted NPL site list Delisted NPL..... National Priority List Deletions Federal CERCLIS list CERCLIS.... FEDERAL FACILITY..... Federal Facility Site Information listing Federal CERCLIS NFRAP site List CERC-NFRAP..... CERCLIS No Further Remedial Action Planned Federal RCRA CORRACTS facilities list CORRACTS..... Corrective Action Report Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF...... RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-CESQG...... RCRA - Conditionally Exempt Small Quantity Generator

Federal ERNS list

ERNS..... Emergency Response Notification System

Federal institutional controls / engineering controls registries

US ENG CONTROLS...... Engineering Controls Sites List

US INST CONTROL...... Sites with Institutional Controls

LUCIS...... Land Use Control Information System

State- and tribal - equivalent NPL

RESPONSE...... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

SLIC..... Statewide SLIC Cases

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST...... Aboveground Petroleum Storage Tank Facilities INDIAN UST...... Underground Storage Tanks on Indian Land

FEMA UST...... Underground Storage Tank Listing

#### State and tribal voluntary cleanup sites

VCP......Voluntary Cleanup Program Properties INDIAN VCP......Voluntary Cleanup Priority Listing

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

#### Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

WMUDS/SWAT..... Waste Management Unit Database

SWRCY...... Recycler Database

HAULERS...... Registered Waste Tire Haulers Listing

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

#### Local Lists of Hazardous waste / Contaminated Sites

US CDL...... Clandestine Drug Labs
HIST Cal-Sites...... Historical Calsites Database

US HIST CDL..... National Clandestine Laboratory Register

#### Local Land Records

LIENS 2...... CERCLA Lien Information
LIENS...... Environmental Liens Listing
DEED...... Deed Restriction Listing

#### Records of Emergency Release Reports

HMIRS...... Hazardous Materials Information Reporting System CHMIRS..... California Hazardous Material Incident Report System

LDS......Land Disposal Sites Listing
MCS.....Military Cleanup Sites Listing
SPILLS 90....SPILLS 90 data from FirstSearch

#### Other Ascertainable Records

CONSENT..... Superfund (CERCLA) Consent Decrees

TRIS...... Toxic Chemical Release Inventory System

TSCA..... Toxic Substances Control Act

FTTS\_\_\_\_\_\_FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

ICIS..... Integrated Compliance Information System

PADS...... PCB Activity Database System MLTS..... Material Licensing Tracking System RADINFO...... Radiation Information Database

FINDS\_\_\_\_\_Facility Index System/Facility Registry System RAATS...... RCRA Administrative Action Tracking System

RMP..... Risk Management Plans CA BOND EXP. PLAN..... Bond Expenditure Plan NPDES Permits Listing

UIC......UIC Listing

Cortese\_\_\_\_\_\_"Cortese" Hazardous Waste & Substances Sites List CUPA Listings\_\_\_\_\_\_CUPA Resources List

WIP..... Well Investigation Program Case List

ENF..... Enforcement Action Listing HAZNET Facility and Manifest Data EMI..... Emissions Inventory Data

INDIAN RESERV...... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

2020 COR ACTION.......... 2020 Corrective Action Program List

LEAD SMELTERS..... Lead Smelter Sites

US AIRS...... Aerometric Information Retrieval System Facility Subsystem

WDS...... Waste Discharge System PRP.....Potentially Responsible Parties US FIN ASSUR\_\_\_\_\_ Financial Assurance Information PCB TRANSFORMER...... PCB Transformer Registration Database

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List MWMP..... Medical Waste Management Program Listing

COAL ASH DOE...... Steam-Electric Plant Operation Data

HWT...... Registered Hazardous Waste Transporter Database

HWP..... EnviroStor Permitted Facilities Listing

PROC..... Certified Processors Database

Financial Assurance Financial Assurance Information Listing

EPA WATCH LIST..... EPA WATCH LIST

#### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP..... EDR Proprietary Manufactured Gas Plants

#### **EDR RECOVERED GOVERNMENT ARCHIVES**

#### **Exclusive Recovered Govt. Archives**

RGA LF..... Recovered Government Archive Solid Waste Facilities List

RGA LUST...... Recovered Government Archive Leaking Underground Storage Tank

#### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

#### STANDARD ENVIRONMENTAL RECORDS

#### Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/11/2014 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EXXON MOBIL OIL CORP	3399 ADAMS ST	E 1/8 - 1/4 (0.162 mi.)	D19	40

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/11/2014 has revealed that there are 6 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOYOTA OF RIVERSIDE	8423 INDIANA AVE	SSE 0 - 1/8 (0.083 mi.)	1	8
RIVERSIDE METRO AUTO GROUP L L	8330 INDIANA AVE	ESE 0 - 1/8 (0.097 mi.)	A4	12
SHELL SERVICE STATION	3502 ADAMS	ENE 1/8 - 1/4 (0.130 mi.)	B9	20
HIGHLANDER CLEANERS	3566 ADAMS	NNE 1/8 - 1/4 (0.131 mi.)	C12	29
WALTERS MERCEDES PORSCHE	3210 ADAMS ST AUTO CENT	SE 1/8 - 1/4 (0.133 mi.)	A13	30
MOHAMADS MOBIL SERVICE	3399 ADAMS ST	E 1/8 - 1/4 (0.162 mi.)	D17	36

#### State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal

Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 05/05/2014 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIVERSIDE PUBLIC UTILITIES DEP Status: Refer: Other Agency	8095 LINCOLN AVENUE	ESE 1/2 - 1 (0.718 mi.)	34	66
PROGRESSIVE CUSTOM WHEELS, INC Status: Inactive - Needs Evaluation	2950 JEFFERSON STREET	E 1/2 - 1 (0.787 mi.)	35	70

#### State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 05/01/2014 has revealed that there are 9 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIVERSIDE METRO AUTO GROUP L L Status: Completed - Case Closed	8330 INDIANA AVE	ESE 0 - 1/8 (0.097 mi.)	A4	12
SHELL SERVICE STATION Status: Completed - Case Closed	3502 ADAMS	ENE 1/8 - 1/4 (0.130 mi.)	В9	20
MOBIL STATION 18-HQF Status: Completed - Case Closed	3399 ADAMS ST.	E 1/8 - 1/4 (0.162 mi.)	D16	33
MOBIL STATION 18-HQF WALTERS AUTO SALES AND SERVICE Status: Completed - Case Closed	3399 ADAMS ST. 3150 AUTO CENTER DR	E 1/8 - 1/4 (0.162 mi.) ESE 1/8 - 1/4 (0.239 mi.)	D18 E27	37 46
RIVERSIDE AUTO CENTER Status: Completed - Case Closed	8200 AUTO	ESE 1/4 - 1/2 (0.299 mi.)	29	50
RIVERSIDE AUTO CENTER  TIBBETS MGMT INCORPORATED  RIV., CITY OF - TRAINING TOWER  Status: Completed - Case Closed	8200 AUTO DRIVE 8200 AUTO DR 3205 SAINT LAWRENCE ST	E 1/4 - 1/2 (0.302 mi.) E 1/4 - 1/2 (0.302 mi.) E 1/4 - 1/2 (0.485 mi.)	F30 F31 G32	52 <b>53</b> <b>63</b>

#### State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 03/17/2014 has revealed that there are 3 UST

sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
QUAID INTERNATIONAL AUTO EXPO	8330 INDIANA AVE	ESE 0 - 1/8 (0.097 mi.)	A2	11
SHELL JURGEN ARNDT	3502 ADAMS ST.	ENE 1/8 - 1/4 (0.130 mi.)	B8	20
MOBIL STATION #18-HQF	3399 ADAMS ST	E 1/8 - 1/4 (0.162 mi.)	D21	42

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 5 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #95380	8315 INDIANA AVE	E 0 - 1/8 (0.125 mi.)	A7	18
SHELL JURGEN ARNDT	3502 ADAMS	ENE 1/8 - 1/4 (0.131 mi.)	B11	27
MOBIL #18-HQF	3399 ADAMS ST	E 1/8 - 1/4 (0.162 mi.)	D20	41
QUAID IMPORTS	8330 AUTO DR	ESE 1/8 - 1/4 (0.219 mi.)	E24	44
RIVERSIDE PORSCHE AUDI	3250 ADAMS ST	ESE 1/8 - 1/4 (0.225 mi.)	E25	45

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 5 HIST UST sites within approximately 0.25 miles of the target property.

<b>Equal/Higher Elevation</b>	Address	Direction / Distance	Map ID	Page
TOYOTA OF RIVERSIDE	8423 INDIANA AVE	SSE 0 - 1/8 (0.083 mi.)	1	8
95380	8315 INDIANA AVE	E 0 - 1/8 (0.125 mi.)	A5	17
JURGEN ARNDT	3502 ADAMS ST	ENE 1/8 - 1/4 (0.130 mi.)	B10	26
MOBIL STATION 18-HQF	3399 ADAMS ST.	E 1/8 - 1/4 (0.162 mi.)	D16	33
TIRES & WHEELS - TEXACO	8291 INDIANA AVE	E 1/8 - 1/4 (0.168 mi.)	D23	43

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 5 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #95380	8315 INDIANA AVE	E 0 - 1/8 (0.125 mi.)	A7	18
SHELL JURGEN ARNDT	3502 ADAMS	ENE 1/8 - 1/4 (0.131 mi.)	B11	27
MOBIL #18-HQF	3399 ADAMS ST	E 1/8 - 1/4 (0.162 mi.)	D20	41
QUAID IMPORTS	8330 AUTO DR	ESE 1/8 - 1/4 (0.219 mi.)	E24	44
RIVERSIDE PORSCHE AUDI	3250 ADAMS ST	ESE 1/8 - 1/4 (0.225 mi.)	E25	45

#### Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/11/2014 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WALTERS AUTO SALES AND SERVICE	3150 AUTO CENTER DR	ESE 1/8 - 1/4 (0.239 mi.)	E27	46

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 5 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation		Address	Direction / Distance	Map ID	Page	
	RIVERSIDE METRO AUTO GROUP L L	8330 INDIANA AVE	ESE 0 - 1/8 (0.097 mi.)	A4	12	
	MOBIL #18-HQF	3399 ADAMS ST	E 1/8 - 1/4 (0.162 mi.)	D20	41	
	WALTERS AUTO SALES AND SERVICE	3150 AUTO CENTER DR	ESE 1/8 - 1/4 (0.239 mi.)	E27	46	
	RIVERSIDE AUTO CENTER	8200 AUTO	ESE 1/4 - 1/2 (0.299 mi.)	29	50	
	RIV., CITY OF - TRAINING TOWER	3205 SAINT LAWRENCE ST	E 1/4 - 1/2 (0.485 mi.)	G32	63	

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Equal/Higher Elevation	Higher Elevation Address		Map ID	Page
CITY OF TRARNING TOWER	3205 ST. LAWRENCE	E 1/2 - 1 (0.523 mi.)	G33	65

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIGHLANDER CLEANERS	3566 ADAMS	NNE 1/8 - 1/4 (0.131 mi.)	C12	29

#### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 5 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
Not reported	8330 INDIANA AVE	ESE 0 - 1/8 (0.097 mi.)	A3	11	
Not reported	8315 INDIANA AVE	E 0 - 1/8 (0.125 mi.)	A6	18	
Not reported	3399 ADAMS ST	E 1/8 - 1/4 (0.157 mi.)	D15	32	
Not reported	3205 VANCE ST	SSE 1/8 - 1/4 (0.230 mi.)	26	45	
Not reported	8237 INDIANA AVE	E 1/8 - 1/4 (0.246 mi.)	28	50	

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

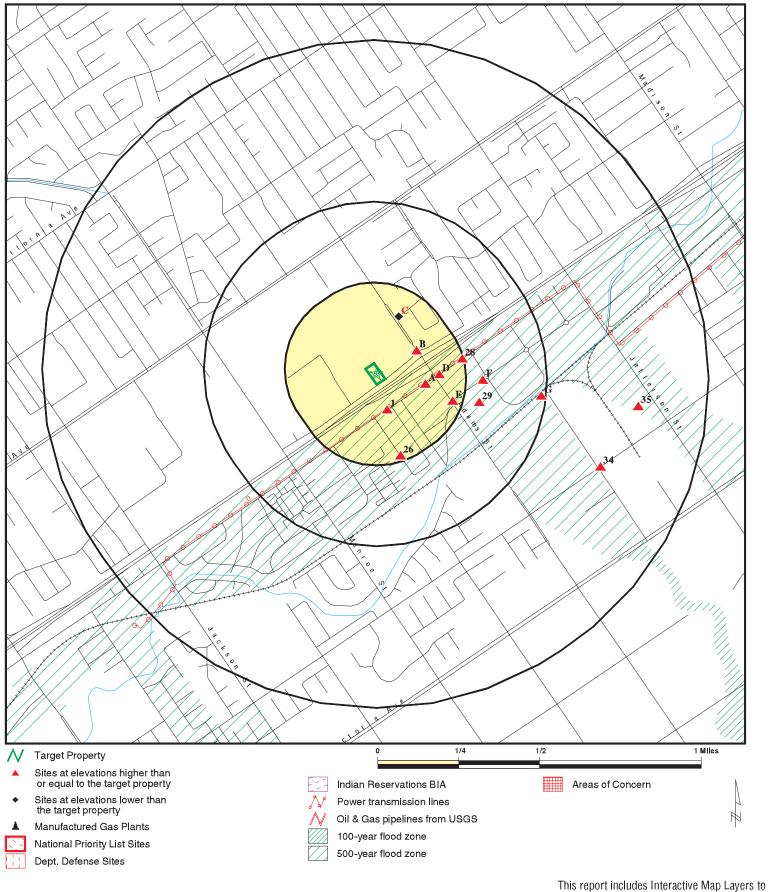
A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 2 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page 32 Page	
Not reported	3566 ADAMS ST	NNE 1/8 - 1/4 (0.134 mi.)	C14		
Lower Elevation	Address	Direction / Distance	Map ID		
Not reported	8292 BRIARWOOD DR	NNE 1/8 - 1/4 (0.164 mi.)	C22	43	

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name	Database(s)
WEST RIVERSIDE LANDFILL - CLOSED	ENF
HUMPHRIES, CLARENCE, REAL PROP	HIST CORTESE, LUST, Notify 65
PACIFIC AIRMOTIVE	CERC-NFRAP
RIVERSIDE HOUSING DEVELOPMENT CORP	HAZNET
RIVERSIDE HOUSING DEVELOPMENT CORP	HAZNET
CITY OF RIVERSIDE	HAZNET
ENVIROMENTAL ENHANCEMENT SYSTEMS	RCRA-SQG, FINDS
RIVERSIDE NATIONAL CEMETERY	FINDS
UNIV CAL RIVERSIDE	FINDS
UNIV. CALIFORNIA, RIVERSIDE	FINDS
RIVERSIDE CO. STORM WATER SYSTEM #	FINDS
RIVERSIDE CO. STORM WATER SYSTEM #	FINDS
RIVERSIDE CO. STORM WATER SYSTEM #	FINDS
RIVERSIDE CO. STORM WATER SYSTEM #	FINDS
RIVERSIDE CO. STORM WATER SYSTEM #	FINDS
RIVERSIDE CO. STORM WATER SYSTEM #	FINDS
RIVERSIDE CO. STORM WATER SYSTEM #	FINDS
RIVERSIDE, COUNTY OF/MS4	FINDS
CITY OF RIVERSIDE (TEQUESQUITE LAN	FINDS
RIVERSIDE METRO CENTER	FINDS

#### **OVERVIEW MAP - 3967815.2s**



display and/or hide map information. The legend includes only those icons for the default map view.

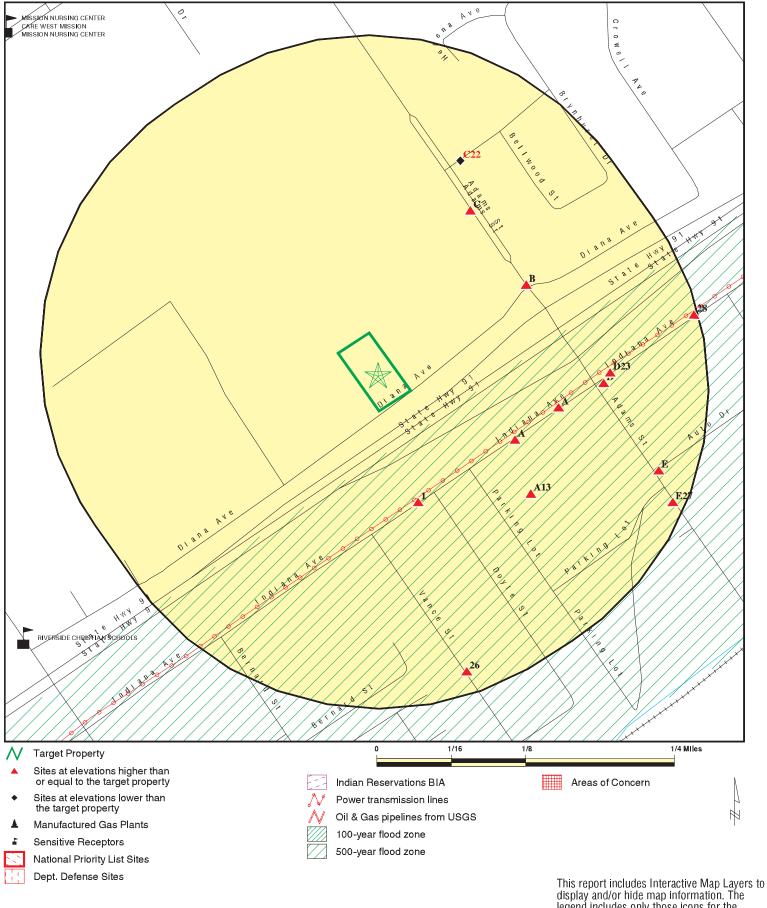
SITE NAME: Riverside Free Methodist Church CLIENT: CONTACT: Converse Consult Inland Empire ADDRESS: 8431 Diana Avenue

DATE:

Riverside CA 92504 LAT/LONG: 33.9269 / 117.4224

Steve Weatherton INQUIRY#: 3967815.2s June 09, 2014 8:06 pm

#### **DETAIL MAP - 3967815.2s**



display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Riverside Free Methodist Church

33.9269 / 117.4224

ADDRESS: 8431 Diana Avenue Riverside CA 92504

LAT/LONG:

CLIENT: CONTACT: Converse Consult Inland Empire Steve Weatherton

INQUIRY #: 3967815.2s DATE: June 09, 2014 8:07 pm

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted		
STANDARD ENVIRONMENTAL RECORDS										
Federal NPL site list										
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0		
Federal Delisted NPL sit	e list									
Delisted NPL	1.000		0	0	0	0	NR	0		
Federal CERCLIS list										
CERCLIS FEDERAL FACILITY	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0		
Federal CERCLIS NFRA	P site List									
CERC-NFRAP	0.500		0	0	0	NR	NR	0		
Federal RCRA CORRAC	Federal RCRA CORRACTS facilities list									
CORRACTS	1.000		0	0	0	0	NR	0		
Federal RCRA non-CORRACTS TSD facilities list										
RCRA-TSDF	0.500		0	0	0	NR	NR	0		
Federal RCRA generator	rs list									
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 2 0	1 4 0	NR NR NR	NR NR NR	NR NR NR	1 6 0		
Federal institutional con engineering controls reg										
US ENG CONTROLS US INST CONTROL LUCIS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0		
Federal ERNS list										
ERNS	TP		NR	NR	NR	NR	NR	0		
State- and tribal - equiva	lent NPL									
RESPONSE	1.000		0	0	0	0	NR	0		
State- and tribal - equiva	lent CERCLIS	5								
ENVIROSTOR	1.000		0	0	0	2	NR	2		
State and tribal landfill a solid waste disposal site										
SWF/LF	0.500		0	0	0	NR	NR	0		
State and tribal leaking s	storage tank l	ists								
LUST	0.500		1	4	4	NR	NR	9		

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted		
SLIC INDIAN LUST	0.500 0.500		0	0 0	0 0	NR NR	NR NR	0 0		
State and tribal registered storage tank lists										
UST AST INDIAN UST FEMA UST	0.250 0.250 0.250 0.250		1 0 0 0	2 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	3 0 0 0		
State and tribal voluntary	/ cleanup site	es								
VCP INDIAN VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0		
ADDITIONAL ENVIRONMEN	TAL RECORDS	<u> </u>								
Local Brownfield lists										
US BROWNFIELDS	0.500		0	0	0	NR	NR	0		
Local Lists of Landfill / S Waste Disposal Sites	olid									
ODI DEBRIS REGION 9 WMUDS/SWAT SWRCY HAULERS INDIAN ODI	0.500 0.500 0.500 0.500 TP 0.500		0 0 0 0 NR 0	0 0 0 0 NR 0	0 0 0 0 NR 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0		
Local Lists of Hazardous Contaminated Sites	waste /									
US CDL HIST Cal-Sites SCH Toxic Pits CDL US HIST CDL	TP 1.000 0.250 1.000 TP TP		NR 0 0 0 NR NR	NR 0 0 0 NR NR	NR 0 NR 0 NR NR	NR 0 NR 0 NR NR	NR NR NR NR NR	0 0 0 0 0		
Local Lists of Registered	l Storage Tan	ks								
CA FID UST HIST UST SWEEPS UST	0.250 0.250 0.250		1 2 1	4 3 4	NR NR NR	NR NR NR	NR NR NR	5 5 5		
Local Land Records										
LIENS 2 LIENS DEED	TP TP 0.500		NR NR 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0		
Records of Emergency R	Release Repo	rts								
HMIRS CHMIRS LDS	TP TP TP		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0		

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS SPILLS 90	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Red	cords							
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD FUDS	1.000 1.000		0 0	0 0	0 0	0 0	NR NR	0 0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		Ő	Ö	Ö	Ö	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA FTTS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO FINDS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
RAATS	TP		NR	NR NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
Cortese HIST CORTESE	0.500 0.500		0 1	0 2	0 2	NR NR	NR NR	0 5
CUPA Listings	0.300		0	0	NR	NR	NR	0
Notify 65	1.000		Ö	Ö	0	1	NR	1
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET EMI	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		Ö	Ö	Ö	NR	NR	Ö
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
WDS PRP	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	Ö
COAL ASH EPA	0.500		0	0	0	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
HWT HWP	0.250 1.000		0 0	0 0	NR 0	NR 0	NR NR	0 0
PROC	0.500		0	0	0	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Financial Assurance EPA WATCH LIST	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0
LFA WATCH LIST	IF		INIX	INIX	INIX	INIX	INIX	U
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		2	3	NR	NR	NR	5
EDR US Hist Cleaners	0.250		0	2	NR	NR	NR	2
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID MAP FINDINGS

Direction Distance

439 ft.

Actual:

826 ft.

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

 1
 TOYOTA OF RIVERSIDE
 RCRA-SQG
 1000342872

 SSE
 8423 INDIANA AVE
 FINDS
 CAD047786397

< 1/8 RIVERSIDE, CA 92504 HIST UST 0.083 mi. HAZNET

Relative: RCRA-SQG:

Higher Date form received by agency: 09/01/1996

Facility name: TOYOTA OF RIVERSIDE
Facility address: 8423 INDIANA AVE
RIVERSIDE, CA 92504

EPA ID: CAD047786397
Contact: Not reported
Contact address: Not reported

Not reported Not reported

Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported

EPA Region: 09

Land type: Facility is not located on Indian land. Additional information is not known.

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: L REDFORD
Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Map ID MAP FINDINGS

Direction Distance Elevation

istance EDR ID Number
Ilevation Site Database(s) EPA ID Number

#### **TOYOTA OF RIVERSIDE (Continued)**

1000342872

Used oil processor:
User oil refiner:
No
Used oil fuel marketer to burner:
Used oil Specification marketer:
No
Used oil transfer facility:
No
Used oil transporter:
No

**Historical Generators:** 

Date form received by agency: 09/24/1986

Facility name: TOYOTA OF RIVERSIDE Classification: Large Quantity Generator

Violation Status: No violations found

**Evaluation Action Summary:** 

Evaluation date: 08/28/1992

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002647011

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

HIST UST:

Region: STATE Facility ID: 00000018759

Facility Type: Other

Other Type: AUTO DEALERSHIP

Total Tanks: 0002

Contact Name: LEONARD REDFORD III

Telephone: 7146871622

Owner Name: JOE REDFORDS TOYOTA OF RIVERSI

Owner Address: 8423 INDIANA AVE.
Owner City, St, Zip: RIVERSIDE, CA 92504

Tank Num: 001 Container Num: 1

Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

Tank Num: 002

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### **TOYOTA OF RIVERSIDE (Continued)**

1000342872

Container Num: 2

Year Installed: Not reported Tank Capacity: 00001000 Tank Used for: **PRODUCT** Type of Fuel: **UNLEADED** Tank Construction: Not reported Leak Detection: None

HAZNET:

Year: 2004

CAD047786397 Gepaid: Contact: **DEBORAH PRICE** 

Telephone:

Mailing Name: Not reported Mailing Address: 7870 INDIANA AVE Mailing City,St,Zip: RIVERSIDE, CA 925044043

Gen County: Not reported TSD EPA ID: CAT080013352 TSD County: Not reported

Waste Category: Unspecified organic liquid mixture

Not reported Disposal Method: Tons: 0.22 Facility County: Riverside

Year: 2003

Gepaid: CAD047786397 Contact: **DEBORAH PRICE** 

Telephone:

Mailing Name: Not reported 7870 INDIANA AVE Mailing Address: Mailing City, St, Zip: RIVERSIDE, CA 925044043

Gen County: Not reported TSD EPA ID: CAT080013352 Not reported TSD County:

Unspecified organic liquid mixture Waste Category:

Disposal Method: Recycler Tons: 0.22 Facility County: Riverside

Year: 2002

CAD047786397 Gepaid: Contact: **DEBORAH PRICE** 

Telephone:

Mailing Name: Not reported Mailing Address: 7870 INDIANA AVE Mailing City, St, Zip: RIVERSIDE, CA 925044043

Gen County: Not reported TSD EPA ID: CAT080033681 Not reported TSD County:

Waste Category: Unspecified aqueous solution

Disposal Method: Recycler Tons: 0.22 Facility County: Riverside

Year: 1999

Gepaid: CAD047786397 Contact: Not reported

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

**TOYOTA OF RIVERSIDE (Continued)** 

1000342872

**EDR ID Number** 

Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 7870 INDIANA AVE
Mailing City,St,Zip: RIVERSIDE, CA 925044043

Gen County: Not reported
TSD EPA ID: CAT080025711
TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent

Disposal Method: Recycler Tons: .4170 Facility County: Riverside

Year: 1999

Gepaid: CAD047786397
Contact: Not reported
Telephone: 000000000
Mailing Name: Not reported
Mailing Address: 7870 INDIANA AVE
Mailing City,St,Zip: RIVERSIDE, CA 925044043

Gen County: Not reported
TSD EPA ID: CAT080025711
TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent

Disposal Method: Transfer Station

Tons: .4587 Facility County: Riverside

Click this hyperlink while viewing on your computer to access 16 additional CA\_HAZNET: record(s) in the EDR Site Report.

A2 QUAID INTERNATIONAL AUTO EXPO

UST U003803121

N/A

ESE 8330 INDIANA AVE < 1/8 RIVERSIDE, CA 92504

0.097 mi.

510 ft. Site 1 of 7 in cluster A

Relative: UST:

 Higher
 Facility ID:
 608

 Latitude:
 33.926255

 Actual:
 Longitude:
 -117.418072

827 ft. Permitting AgencyRIVERSIDE COUNTY

A3 EDR US Hist Auto Stat 1015651468
ESE 8330 INDIANA AVE N/A

ESE 8330 INDIANA AVE < 1/8 RIVERSIDE, CA 92504

0.097 mi.

510 ft. Site 2 of 7 in cluster A

Relative: EDR Historical Auto Stations:

Higher Name: RIVERSIDE METRO AUTO GROUP

Year: 2002

Actual: Address: 8330 INDIANA AVE

827 ft.

Name: SEIDNERS COLLISION CENTER CORP

Year: 2006

Address: 8330 INDIANA AVE

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

(Continued) 1015651468

Name: SEIDNERS COLLISION CENTER CORP

2007 Year:

8330 INDIANA AVE Address:

Name: SEIDNER COLLISION

Year: 2009

8330 INDIANA AVE Address:

Name: SEIDNERS COLLISION CTR

Year: 2010

8330 INDIANA AVE Address:

SEIDNERS COLLISION CENTER Name:

Year: 2011

Address: 8330 INDIANA AVE

SEIDNERS COLLISION CENTER Name:

Year: 2012

Address: 8330 INDIANA AVE

RIVERSIDE METRO AUTO GROUP L L C **A4** 

**ESE** 8330 INDIANA AVE

< 1/8 RIVERSIDE, CA 92504 0.097 mi.

510 ft. Site 3 of 7 in cluster A

RCRA-SQG: Relative:

Date form received by agency: 05/04/2000 Higher

RIVERSIDE METRO AUTO GROUP L L C Facility name:

Actual: Facility address:

827 ft.

8330 INDIANA AVE RIVERSIDE, CA 92504

EPA ID: CAD094134079 LEN SOUTHWICK Contact: 8330 INDIANA AVE Contact address:

RIVERSIDE, CA 92504

Contact country:

Contact telephone: (909) 688-9420 Contact email: Not reported

EPA Region: 09 Land type: Private

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

RIVERSIDE METRO AUTO DEALER INC Owner/operator name:

Owner/operator address: 8330 INDIANA AVE

RIVERSIDE, CA 92504

Owner/operator country: Not reported Owner/operator telephone: (909) 688-9420 Legal status: Private

Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported **EDR ID Number** 

RCRA-SQG

**HIST CORTESE** 

**FINDS** 

LUST

1000247601

CAD094134079

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### RIVERSIDE METRO AUTO GROUP L L C (Continued)

1000247601

Owner/operator name: NOT REQUIRED **NOT REQUIRED** Owner/operator address:

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: (415) 555-1212 Legal status: Private Owner/Operator Type: Operator Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Nο Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: Nο User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 09/01/1996

RIVERSIDE METRO AUTO GROUP L L C Facility name:

Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF Waste name:

> LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

**Evaluation Action Summary:** 

Evaluation date: 05/28/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002664322

Environmental Interest/Information System

Direction Distance Elevation

ation Site Database(s) EPA ID Number

### RIVERSIDE METRO AUTO GROUP L L C (Continued)

1000247601

**EDR ID Number** 

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

HIST CORTESE:

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 083301935T

LUST:

 Region:
 STATE

 Global Id:
 T0606500250

 Latitude:
 33.9263036

 Longitude:
 -117.419636

 Case Type:
 LUST Cleanup Site

 Status:
 Completed - Case Closed

Status Date: 03/20/1992

Lead Agency: RIVERSIDE COUNTY LOP

Case Worker: SCB

Local Agency: RIVERSIDE COUNTY LOP

RB Case Number: 083301935T LOC Case Number: 91826

File Location: Local Agency Warehouse

Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0606500250

Contact Type: Local Agency Caseworker
Contact Name: SHARON BOLTINGHOUSE
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200

City: RIVERSIDE

Email: sbolting@rivcocha.org

Phone Number: 9519558982

Global Id: T0606500250

Contact Type: Regional Board Caseworker

Direction Distance

Elevation Site Database(s) EPA ID Number

### RIVERSIDE METRO AUTO GROUP L L C (Continued)

1000247601

**EDR ID Number** 

Contact Name: PATRICIA HANNON

Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: phannon@waterboards.ca.gov

Phone Number: Not reported

Status History:

Global Id: T0606500250

Status: Completed - Case Closed

Status Date: 03/20/1992

Global Id: T0606500250

Status: Open - Site Assessment

Status Date: 10/31/1991

Global Id: T0606500250

Status: Open - Case Begin Date

Status Date: 08/21/1991

Regulatory Activities:

 Global Id:
 T0606500250

 Action Type:
 ENFORCEMENT

 Date:
 03/19/1992

Action: Closure/No Further Action Letter - #RivCo Closure

 Global Id:
 T0606500250

 Action Type:
 ENFORCEMENT

 Date:
 03/20/1992

Action: Closure/No Further Action Letter

 Global Id:
 T0606500250

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Reported

 Global Id:
 T0606500250

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Discovery

 Global Id:
 T0606500250

 Action Type:
 ENFORCEMENT

 Date:
 03/19/1992

Action: Closure/No Further Action Letter - #RivCo Closure

 Global Id:
 T0606500250

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Stopped

Global Id: T0606500250
Action Type: ENFORCEMENT
Date: 03/18/1992

Action: File review - #RCDEH Upload Site File 8/4/2010

Direction Distance

Elevation Site Database(s) EPA ID Number

# RIVERSIDE METRO AUTO GROUP L L C (Continued)

1000247601

**EDR ID Number** 

LUST REG 8:

Region: 8
County: Riverside

Regional Board:
Facility Status:
Case Closed
Case Number:
083301935T
Local Case Num:
Not reported
Case Type:
Soil only

Substance: **Unleaded Gasoline** Qty Leaked: Not reported Abate Method: Not reported Cross Street: Not reported **CLOS** Enf Type: Funding: Not reported How Discovered: Not reported How Stopped: Not reported Leak Cause: UNK Leak Source: UNK

Global ID: T0606500250 How Stopped Date: Not reported Not reported Enter Date: Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: Not reported **Enforcement Date:** Not reported Close Date: 3/20/1992 Date Prelim Assessment Workplan Submitted: 10/31/1991 Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Not reported Date Remedial Action Underway: Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported **GW Qualifies:** Not reported Soil Qualifies: Not reported Not reported Operator: Facility Contact: Not reported Not reported Interim: Oversite Program: LUST 33.9263036 Latitude: -117.419636 Longitude: MTBE Date: Not reported Max MTBE GW: Not reported

MTBE Concentration:

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.

MTBE Class:

Staff: PAH
Staff Initials: UNK
Lead Agency: Local Agency
Local Agency: 33000L

Hydr Basin #: UPPER SANTA ANA VALL

Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported Summary: 03/20/92 SECOND CLOSURE LETTER

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### RIVERSIDE METRO AUTO GROUP L L C (Continued)

1000247601

RIVERSIDE CO. LUST:

**RIVERSIDE** Region: Facility ID: 91826

Employee: Boltinghous-LOP

Site Closed: Yes Case Type: Soil only

Facility Status: closed/action completed

Α5 95380 HIST UST U001576372 N/A

**East** 8315 INDIANA AVE RIVERSIDE, CA 92504 < 1/8

0.125 mi.

659 ft. Site 4 of 7 in cluster A

HIST UST: Relative:

STATE Region: Higher Facility ID: 00000062751 Actual: Facility Type: Gas Station 829 ft.

Other Type: Not reported Total Tanks: 0005

> Contact Name: **IDE, CHARLES**

Telephone: 687702

CHEVRON U.S.A. INC. Owner Name:

Owner Address: 575 MARKET

Owner City,St,Zip: SAN FRANCISCO, CA 94105

Tank Num: 001 Container Num: Year Installed: 1962 Tank Capacity: 00003000 Tank Used for: **PRODUCT** Type of Fuel: Not reported 0000170 unknown Tank Construction: Leak Detection: Stock Inventor

Tank Num: 002 Container Num: 2 1962 Year Installed: 00005000 Tank Capacity: Tank Used for: **PRODUCT** Type of Fuel: Not reported 0000250 unknown Tank Construction: Leak Detection: Stock Inventor

Tank Num: 003 Container Num: Year Installed: 1962 00006000 Tank Capacity: **PRODUCT** Tank Used for: Type of Fuel: Not reported 0000250 unknown Tank Construction: Leak Detection: Stock Inventor

Tank Num: 004 Container Num: Year Installed: 1968 Tank Capacity: 00010000

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

95380 (Continued) U001576372

Tank Used for: **PRODUCT** Type of Fuel: Not reported Tank Construction: 0000250 unknown Leak Detection: Stock Inventor

Tank Num: 005 Container Num: 5 1962 Year Installed: Tank Capacity: 00000550 Tank Used for: WASTE Type of Fuel: Not reported 0000100 unknown Tank Construction: Leak Detection: Stock Inventor

Α6 **EDR US Hist Auto Stat** 1015651037

East 8315 INDIANA AVE N/A

< 1/8 RIVERSIDE, CA 92504

0.125 mi.

659 ft. Site 5 of 7 in cluster A

**EDR Historical Auto Stations:** Relative:

Name: AUTO CENTER CHEVRON SERVICE Higher

Year: 1999

Actual: 8315 INDIANA AVE Address:

829 ft.

AUTO CENTER CHEVRON SERVICE Name:

Year: 2000

Address: 8315 INDIANA AVE

U002095303 Α7 **CHEVRON #95380** CA FID UST **SWEEPS UST** N/A **East** 8315 INDIANA AVE RIVERSIDE, CA 92504 < 1/8

0.125 mi.

659 ft. Site 6 of 7 in cluster A

CA FID UST: Relative:

Facility ID: 33007140 Higher Regulated By: **UTNKA** Actual: Regulated ID: 00062751 829 ft. Cortese Code: Not reported

> SIC Code: Not reported Facility Phone: Not reported Not reported Mail To: Mailing Address: P O BOX 2833 Mailing Address 2: Not reported Mailing City, St, Zip: RIVERSIDE 92504 Not reported Contact: Not reported Contact Phone: DUNs Number: Not reported Not reported NPDES Number:

EPA ID: Not reported Comments: Not reported

Status: Active

SWEEPS UST:

Status: Active

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# CHEVRON #95380 (Continued)

Comp Number: 62751 Number:

Board Of Equalization: 44-018442 Referral Date: 10-28-92 Action Date: 10-28-92 Created Date: 02-29-88 Owner Tank Id: 000281

SWRCB Tank Id: 33-000-062751-000001

Tank Status: Capacity: 10000 10-28-92 Active Date: M.V. FUEL Tank Use:

STG:

Content: **REG UNLEADED** 

Number Of Tanks:

Active Status: Comp Number: 62751 Number:

Board Of Equalization: 44-018442 Referral Date: 10-28-92 Action Date: 10-28-92 Created Date: 02-29-88 Owner Tank Id: 000281

33-000-062751-000002 SWRCB Tank Id:

Tank Status: Α Capacity: 10000 Active Date: 10-28-92 M.V. FUEL Tank Use:

STG:

MID GRADE UN Content: Not reported Number Of Tanks:

Status: Active Comp Number: 62751 Number:

Board Of Equalization: 44-018442 Referral Date: 10-28-92 10-28-92 Action Date: Created Date: 02-29-88 Owner Tank Id: 000281

SWRCB Tank Id: 33-000-062751-000003

Tank Status: Capacity: 10000 Active Date: 10-28-92 Tank Use: M.V. FUEL

STG:

**REG UNLEADED** Content: Number Of Tanks: Not reported

Status: Active Comp Number: 62751 Number:

Board Of Equalization: 44-018442 Referral Date: 10-28-92 Action Date: 10-28-92 Created Date: 02-29-88

U002095303

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

CHEVRON #95380 (Continued) U002095303

Owner Tank Id: 000281

SWRCB Tank Id: 33-000-062751-000004

Tank Status: Α 1000 Capacity: Active Date: 10-28-92 Tank Use: OIL STG: W

WASTE OIL Content: Number Of Tanks: Not reported

В8 **SHELL JURGEN ARNDT** UST U004044567

**ENE** 3502 ADAMS ST. 1/8-1/4 RIVERSIDE, CA 92504

0.130 mi.

684 ft. Site 1 of 4 in cluster B

UST: Relative:

Higher

Facility ID: 80726 Latitude: 33.929291 Actual: Longitude: -117.419332

825 ft. Permitting AgencyRIVERSIDE COUNTY

RIVERSIDE CO. UST:

Region: **RIVERSIDE** 

Total Tanks: 3

В9 SHELL SERVICE STATION RCRA-SQG 1001967466 **ENE 3502 ADAMS FINDS** CAR000069401

1/8-1/4 RIVERSIDE, CA 92506 LUST 0.130 mi. **HAZNET** 

684 ft. Site 2 of 4 in cluster B

RCRA-SQG: Relative:

Date form received by agency: 08/14/2002 Higher

Facility name: SHELL SERVICE STATION

Actual: Facility address: **3502 ADAMS** 825 ft. S A P NO 135822

**RIVERSIDE, CA 925063356** 

EPA ID: CAR000069401 Mailing address: P O BOX 2648

HOUSTON, TX 772522648

SONDRA BIENVENU Contact:

P O BOX 2648 Contact address:

HOUSTON, TX 772522648

Contact country: US

Contact telephone: (713) 241-5036 Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Handler: generates more than 100 and less than 1000 kg of hazardous Description:

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

N/A

Distance Elevation

Site Database(s) EPA ID Number

### SHELL SERVICE STATION (Continued)

1001967466

**EDR ID Number** 

Owner/Operator Summary:

Owner/operator name: EQUILON ENTERPRISES LLC DBA SHELL OIL US

Owner/operator address: P O BOX 2648

HOUSTON, TX 77252

Owner/operator country: Not reported Owner/operator telephone: (713) 241-5036

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: Nο Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000 Waste name: Not Defined

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110002934594

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal

facilities.

Direction Distance Elevation

vation Site Database(s) EPA ID Number

### SHELL SERVICE STATION (Continued)

1001967466

**EDR ID Number** 

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

 Region:
 STATE

 Global Id:
 T0606581100

 Latitude:
 33.927991938

 Longitude:
 -117.420292264

 Case Type:
 LUST Cleanup Site

 Status:
 Completed - Case Closed

Status Date: 05/25/2007

Lead Agency: RIVERSIDE COUNTY LOP

Case Worker: SCB

Local Agency: RIVERSIDE COUNTY LOP

RB Case Number: Not reported LOC Case Number: 200319419 File Location: Local Agency Potential Media Affect: Soil

Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0606581100

Contact Type: Local Agency Caseworker
Contact Name: SHARON BOLTINGHOUSE
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200

City: RIVERSIDE

Email: sbolting@rivcocha.org

Phone Number: 9519558982

Global Id: T0606581100

Contact Type: Regional Board Caseworker

Contact Name: CARL BERNHARDT

Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: cbernhardt@waterboards.ca.gov

Phone Number: 9517824495

Status History:

Global Id: T0606581100

Status: Open - Site Assessment

Status Date: 03/05/2003

Global Id: T0606581100

Status: Open - Site Assessment

Status Date: 05/21/2003

Global Id: T0606581100

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### SHELL SERVICE STATION (Continued)

1001967466

Open - Case Begin Date Status:

03/04/2003 Status Date:

Global Id: T0606581100

Status: Completed - Case Closed

Status Date: 05/25/2007

T0606581100 Global Id:

Status: Open - Verification Monitoring

Status Date: 08/29/2005

Regulatory Activities:

Global Id: T0606581100 Action Type: **ENFORCEMENT** Date: 05/24/2007

File review - #RCDEH Upload Site File 10/19/2010 Action:

Global Id: T0606581100 Action Type: Other 01/01/1950 Date: Leak Reported Action:

T0606581100 Global Id: Action Type: Other 01/01/1950 Date: Action: Leak Discovery

Global Id: T0606581100 Action Type: Other 01/01/1950 Date: Action: Leak Stopped

Global Id: T0606581100 Action Type: **ENFORCEMENT** Date: 05/25/2007

Action: Closure/No Further Action Letter

Global Id: T0606581100 REMEDIATION Action Type: 01/01/1950 Date: Not reported Action:

LUST REG 8:

Region:

County: Riverside

Regional Board: Santa Ana Region

Facility Status: Preliminary site assessment workplan submitted

Case Number: Not reported Local Case Num: 200319419 Case Type: Soil only Gasoline Substance: Qty Leaked: Not reported Abate Method: Not reported Cross Street: DIANA AVE Enf Type: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### SHELL SERVICE STATION (Continued)

1001967466

Funding: Not reported Tank Closure How Discovered: How Stopped: New Tank Leak Cause: UNK Leak Source: Piping Global ID: T0606581100 How Stopped Date: 3/5/2003 Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported 3/5/2003 Discover Date: **Enforcement Date:** Not reported Not reported Close Date: Date Prelim Assessment Workplan Submitted: 3/5/2003 Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported GW Qualifies: Not reported Soil Qualifies: Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: LUST Latitude: 33.92799194 Longitude: -117.4202923

MTBE Date: Not reported Max MTBE GW: Not reported

MTBE Concentration: 0 Max MTBE Soil: 22 MTBE Fuel:

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class: CAB Staff: SCB Staff Initials:

Local Agency Lead Agency: Local Agency: 33000L Hydr Basin #: Not reported Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Not reported

RIVERSIDE CO. LUST:

Region: **RIVERSIDE** Facility ID: 200319419 Boltinghous-LOP Employee:

Site Closed: Yes Case Type: Soil only

Facility Status: closed/action completed

HAZNET:

2010 Year:

Gepaid: CAR000069401

Direction Distance

Elevation Site Database(s) EPA ID Number

# SHELL SERVICE STATION (Continued)

1001967466

**EDR ID Number** 

Contact: J. Traylor/ENV REPORTING ANALYST

Telephone: 7132416992
Mailing Name: Not reported
Mailing Address: PO Box 3127

Mailing City, St, Zip: HOUSTON, TX 772530000

Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Other organic solids

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.025 Facility County: Riverside

Year: 2010

Gepaid: CAR000069401

Contact: J. Traylor/ENV REPORTING ANALYST

Telephone: 7132416992 Mailing Name: Not reported Mailing Address: PO Box 3127

Mailing City, St, Zip: HOUSTON, TX 772530000

Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported

Waste Category: Unspecified organic liquid mixture

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.051 Facility County: Riverside

Year: 2010

Gepaid: CAR000069401

Contact: J. Traylor/ENV REPORTING ANALYST

Telephone: 7132416992
Mailing Name: Not reported
Mailing Address: PO Box 3127

Mailing City, St, Zip: HOUSTON, TX 772530000

Gen County: Not reported TSD EPA ID: CAD008364432 TSD County: Not reported

Waste Category: Unspecified organic liquid mixture

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.051 Facility County: Riverside

Year: 2010

Gepaid: CAR000069401

Contact: J. Traylor/ENV REPORTING ANALYST

Telephone: 7132416992
Mailing Name: Not reported
Mailing Address: PO Box 3127

Mailing City, St, Zip: HOUSTON, TX 772530000

Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Other organic solids

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### SHELL SERVICE STATION (Continued)

1001967466

U001576456

N/A

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

0.025 Tons: Facility County: Riverside

Year: 2006

Gepaid: CAR000069401

Contact: R HULL/ENV. REPORTING ANALYST

Telephone: 2818742224 Mailing Name: Not reported

Mailing Address: 12700 NORTHBOROUGH DR 300G03

Mailing City, St, Zip: Houston, TX 770670000

Gen County: Not reported TSD EPA ID: CAD028409019 TSD County: Not reported Waste Category: Other organic solids Disposal Method: **Transfer Station** 

Tons: 0.1 Facility County: Riverside

> Click this hyperlink while viewing on your computer to access 17 additional CA\_HAZNET: record(s) in the EDR Site Report.

**B10 JURGEN ARNDT** HIST UST

**ENE** 3502 ADAMS ST 1/8-1/4 RIVERSIDE, CA 92506

0.130 mi.

684 ft. Site 3 of 4 in cluster B

Relative:

825 ft.

HIST UST:

Higher Actual: Region: STATE Facility ID: 00000002940 Facility Type: Gas Station

Other Type: Not reported Total Tanks: 0004

Contact Name: JURGEN ARNDT Telephone: 7146896049 Owner Name: SHELL OIL COMPANY

Owner Address: P.O. BOX 4848 ANAHEIM, CA 92803 Owner City,St,Zip:

Tank Num: 001 Container Num: Year Installed: 1982 Tank Capacity: 00010000 Tank Used for: **PRODUCT** Type of Fuel: UNLEADED Tank Construction: 1/4 inches

Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 002 Container Num: 2 1982 Year Installed: Tank Capacity: 00010000 Tank Used for: **PRODUCT** Type of Fuel: **REGULAR** Tank Construction: 1/4 inches

Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# **JURGEN ARNDT (Continued)**

U001576456

S101631152

N/A

CA FID UST

**SWEEPS UST** 

Tank Num: 003 Container Num: 3

Year Installed: Not reported Tank Capacity: 00010000 Tank Used for: **PRODUCT** Type of Fuel: **PREMIUM** Tank Construction: 1/4 inches

Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 004 Container Num: Year Installed: 1982 00010000 Tank Capacity: Tank Used for: **PRODUCT** Type of Fuel: **DIESEL** Tank Construction: 1/4 inches

Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

B11 **SHELL JURGEN ARNDT ENE 3502 ADAMS** 

1/8-1/4 RIVERSIDE, CA 92506

0.131 mi.

690 ft. Site 4 of 4 in cluster B

Relative:

Higher

CA FID UST: Facility ID:

33006853 Regulated By: **UTNKA** 

Actual: 825 ft.

Regulated ID: 00002940 Cortese Code: Not reported SIC Code: Not reported Facility Phone: 7146896049 Mail To: Not reported

Mailing Address: 3404 CENTRAL AVE Mailing Address 2: Not reported Mailing City,St,Zip: RIVERSIDE 92506 Contact: Not reported Contact Phone: Not reported

Not reported **DUNs Number:** Not reported NPDES Number: Not reported EPA ID: Comments: Not reported Status: Active

# SWEEPS UST:

Status: Active Comp Number: 2940 Number:

Board Of Equalization: 44-017885 11-18-92 Referral Date: Action Date: 11-18-92 Created Date: 02-29-88 Owner Tank Id: 000137

SWRCB Tank Id: 33-000-002940-000001

Tank Status: Capacity: 10000 Active Date: 11-18-92 M.V. FUEL Tank Use:

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

# SHELL JURGEN ARNDT (Continued)

STG:

**REG UNLEADED** Content:

Number Of Tanks:

Status: Active Comp Number: 2940 Number:

Board Of Equalization: 44-017885 Referral Date: 11-18-92 Action Date: 11-18-92 Created Date: 02-29-88 Owner Tank Id: 000137

SWRCB Tank Id: 33-000-002940-000002

Tank Status: Capacity: 10000 Active Date: 11-18-92 M.V. FUEL Tank Use:

STG: LEADED Content: Number Of Tanks: Not reported

Status: Active Comp Number: 2940 Number:

Board Of Equalization: 44-017885 11-18-92 Referral Date: 11-18-92 Action Date: Created Date: 02-29-88 Owner Tank Id: 000137

33-000-002940-000003 SWRCB Tank Id:

Tank Status: Capacity: 10000 Active Date: 11-18-92 Tank Use: M.V. FUEL

STG:

**REG UNLEADED** Content: Number Of Tanks: Not reported

Status: Active Comp Number: 2940 Number: 1

Board Of Equalization: 44-017885 Referral Date: 11-18-92 Action Date: 11-18-92 Created Date: 02-29-88 Owner Tank Id: 000137

SWRCB Tank Id: 33-000-002940-000004

Not reported

Tank Status:

10000 Capacity: Active Date: 11-18-92 Tank Use: M.V. FUEL STG: DIESEL Content: Number Of Tanks:

S101631152

**EDR ID Number** 

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

C12 HIGHLANDER CLEANERS RCRA-SQG 1000242429
NNE 3566 ADAMS FINDS CAD981615487

1/8-1/4 RIVERSIDE, CA 92504 DRYCLEANERS

0.131 mi.

694 ft. Site 1 of 3 in cluster C

Relative: RCRA-SQG:

Higher Date form received by agency: 09/01/1996

Facility name: HIGHLANDER CLEANERS

Actual: Facility address: 3566 ADAMS 823 ft.

RIVERSIDE, CA 92504 EPA ID: CAD981615487

Contact: ENVIRONMENTAL MANAGER

Contact address: 3566 ADAMS

RIVERSIDE, CA 92504

Contact country: US

Contact telephone: Not reported Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: ABDUL CHAUTHANI
Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported

Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No

Direction Distance

Elevation Site Database(s) EPA ID Number

**HIGHLANDER CLEANERS (Continued)** 

1000242429

**EDR ID Number** 

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/23/1987

Facility name: HIGHLANDER CLEANERS
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002724972

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

DRYCLEANERS:

EPA Id: CAL000280178

NAICS Code: 81232

NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)

SIC Code: 7211

SIC Description: Power Laundries, Family and Commercial

Create Date: 03/17/2004
Facility Active: No
Inactive Date: 06/30/2009
Facility Addr2: Not reported
Owner Name: YONG SOO KOO

Owner Address: 2946 ROLLING MEADOW DR

Owner Address 2: Not reported
Owner Telephone: 9513292979
Contact Name: YONG KOO
Contact Address: 3566 ADAMS ST
Contact Address 2: Not reported
Contact Telephone: 9516890913

A13 WALTERS MERCEDES PORSCHE RCRA-SQG 1000218324
SE 3210 ADAMS ST AUTO CENTER DR FINDS CAD981996978

1/8-1/4 RIVERSIDE, CA 92504

0.133 mi.

701 ft. Site 7 of 7 in cluster A

Relative: RCRA-SQG:

Higher Date form received by agency: 09/01/1996

Facility name: WALTERS MERCEDES PORSCHE
Actual: Facility address: 3210 ADAMS ST AUTO CENTER DR

834 ft. RIVERSIDE, CA 92504

EPA ID: CAD981996978

Direction Distance Elevation

ion Site Database(s) EPA ID Number

# WALTERS MERCEDES PORSCHE (Continued)

1000218324

**EDR ID Number** 

Contact: Not reported Contact address: Not reported

Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: ERWIN FAMILY PARTNERSHIP

Owner/operator address: P O BOX 4737

RIVERSIDE, CA 92504

Owner/operator country: Not reported
Owner/operator telephone: (909) 359-3034

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

# Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: Nο Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

#### **Historical Generators:**

Date form received by agency: 07/26/1993

Facility name: WALTERS MERCEDES PORSCHE

Classification: Large Quantity Generator

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

No violations found

WALTERS MERCEDES PORSCHE (Continued)

1000218324

Violation Status:

FINDS:

Registry ID: 110002771046

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

C14 **EDR US Hist Cleaners** 1015048690 **NNE** 3566 ADAMS ST N/A

RIVERSIDE, CA 92504 1/8-1/4

0.134 mi.

705 ft. Site 2 of 3 in cluster C

Relative:

**EDR Historical Cleaners:** 

Name: HIGHLANDER CLEANERS Higher

2001 Year:

Actual: 823 ft.

3566 ADAMS ST Address:

Name: **CLEANERS PLUS** 

Year: 2005

3566 ADAMS ST Address:

D15 **EDR US Hist Auto Stat** 1015435625 N/A

**East 3399 ADAMS ST** RIVERSIDE, CA 92504 1/8-1/4

0.157 mi.

827 ft. Site 1 of 8 in cluster D

EDR Historical Auto Stations: Relative:

Name: MOHAMADS MOBIL SERVICE Higher

Year: 1999

Actual: Address: 3399 ADAMS ST 831 ft.

MOHAMADS MOBIL SERVICE Name: Year: 2000

Address: 3399 ADAMS ST

MOHAMADS MOBIL SERVICE Name:

Year: 2001

Address: 3399 ADAMS ST

MOHAMADS MOBIL SERVICE Name:

Year: 2002

Address: 3399 ADAMS ST

Direction Distance

Elevation Site Database(s) EPA ID Number

(Continued) 1015435625

Name: MOHAMADS MOBIL SERVICE

Year: 2003

Address: 3399 ADAMS ST

Name: MOHAMADS MOBIL SERVICE

Year: 2004

Address: 3399 ADAMS ST

Name: MOHAMADS MOBIL SERVICE

Year: 2006

Address: 3399 ADAMS ST

Name: MOHAMADS MOBIL SERVICE

Year: 2007

Address: 3399 ADAMS ST

Name: MOBIL Year: 2008

Address: 3399 ADAMS ST

Name: MOHAMADS MOBIL SVC

Year: 2010

Address: 3399 ADAMS ST

Name: MOHAMADS MOBIL SERVICE

Year: 2011

Address: 3399 ADAMS ST

Name: MOHAMADS MOBIL SERVICE

Year: 2012

Address: 3399 ADAMS ST

 D16
 MOBIL STATION 18-HQF
 LUST
 U001576373

 East
 3399 ADAMS ST.
 HIST UST
 N/A

1/8-1/4 RIVERSIDE, CA 92504 0.162 mi.

856 ft. Site 2 of 8 in cluster D

Relative: Higher

: LUST: Region: Global Id:

Actual: 832 ft.

Latitude: 33.926783552
Longitude: -117.419094761
Case Type: LUST Cleanup Site
Status: Completed - Case Closed

Status Date: 03/29/2007

Lead Agency: RIVERSIDE COUNTY LOP

Case Worker: SCB

Local Agency: RIVERSIDE COUNTY LOP

RB Case Number: 083303818T LOC Case Number: 200117656 File Location: Local Agency

Potential Media Affect: Aquifer used for drinking water supply

STATE

T0606599287

Potential Contaminants of Concern: Gasoline Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**EDR ID Number** 

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

### **MOBIL STATION 18-HQF (Continued)**

U001576373

Contact:

Global Id: T0606599287

Contact Type: Regional Board Caseworker

Contact Name: ROSE SCOTT

Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: rscott@waterboards.ca.gov

Phone Number: 9513206375

Global Id: T0606599287

Contact Type: Local Agency Caseworker
Contact Name: SHARON BOLTINGHOUSE
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200

City: RIVERSIDE

Email: sbolting@rivcocha.org

Phone Number: 9519558982

Status History:

Global Id: T0606599287

Status: Open - Site Assessment

Status Date: 07/23/2001

Global Id: T0606599287

Status: Open - Verification Monitoring

Status Date: 07/13/2006

Global Id: T0606599287

Status: Open - Case Begin Date

Status Date: 01/25/2001

Global Id: T0606599287
Status: Open - Remediation

Status Date: 04/07/2004

Global Id: T0606599287

Status: Completed - Case Closed

Status Date: 03/29/2007

Regulatory Activities:

 Global Id:
 T0606599287

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Reported

 Global Id:
 T0606599287

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Discovery

 Global Id:
 T0606599287

 Action Type:
 ENFORCEMENT

 Date:
 03/28/2007

Action: File review - #RCDEH Upload Site File 3/7/2011

Direction Distance

Elevation Site Database(s) EPA ID Number

# MOBIL STATION 18-HQF (Continued)

U001576373

**EDR ID Number** 

 Global Id:
 T0606599287

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Stopped

 Global Id:
 T0606599287

 Action Type:
 ENFORCEMENT

 Date:
 03/29/2007

Action: Closure/No Further Action Letter

 Global Id:
 T0606599287

 Action Type:
 REMEDIATION

 Date:
 01/01/1950

Action: Soil Vapor Extraction (SVE)

#### RIVERSIDE CO. LUST:

Region: RIVERSIDE Facility ID: 200117656 Employee: Boltinghous-LOP

Site Closed: Yes

Case Type: Drinking Water Aquifer affected Facility Status: closed/action completed

#### HIST UST:

Region: STATE
Facility ID: 00000039363
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Contact Name: Not reported

Contact Name: Not reported Telephone: 7147851876

Owner Name: MOBIL OIL CORPORATION
Owner Address: 612 S. FLOWER STREET
Owner City,St,Zip: LOS ANGELES, CA 90017

Tank Num: 001 Container Num: 1

Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002 Container Num: 2

Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003 Container Num: 3

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**MOBIL STATION 18-HQF (Continued)** 

U001576373

1000596661

CAD983606369

RCRA-SQG

**HAZNET** 

Year Installed: Not reported Tank Capacity: 00006000 **PRODUCT** Tank Used for: **PREMIUM** Type of Fuel: Tank Construction: Not reported Leak Detection: Stock Inventor

Tank Num: 004 Container Num:

Year Installed: Not reported 00000280 Tank Capacity: Tank Used for: WASTE Type of Fuel: WASTE OIL Tank Construction: Not reported Leak Detection: Stock Inventor

D17 **MOHAMADS MOBIL SERVICE** 

**East 3399 ADAMS ST** 1/8-1/4 RIVERSIDE, CA 92504 0.162 mi.

856 ft. Site 3 of 8 in cluster D

RCRA-SQG: Relative:

Date form received by agency: 09/19/1991 Higher

Facility name: MOHAMADS MOBIL SERVICE

Actual: Facility address: 3399 ADAMS ST 832 ft. RIVERSIDE, CA 92504

> EPA ID: CAD983606369

Mailing address: ADAMS ST

RIVERSIDE, CA 92504 Contact: MOHAMAD KHALED Contact address: 3399 ADAMS ST

RIVERSIDE, CA 92504

Contact country: US

Contact telephone: (714) 687-2249 Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Handler: generates more than 100 and less than 1000 kg of hazardous Description:

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MOHAMAD KHALED Owner/operator address: 7240 WOOD RD RIVERSIDE, CA 92506

Owner/operator country: Not reported Owner/operator telephone: (714) 780-2685 Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# **MOHAMADS MOBIL SERVICE (Continued)**

1000596661

Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Violation Status: No violations found

HAZNET:

Year: 1998

Gepaid: CAD983606369 Contact: MOHAMAD KHALED

7147802685 Telephone: Not reported Mailing Name: Mailing Address: 3399 ADAMS ST

RIVERSIDE, CA 925044063 Mailing City, St, Zip:

Gen County: Not reported TSD EPA ID: CAD099452708 TSD County: Not reported

Waste Category: Oil/water separation sludge

Disposal Method: **Transfer Station** 

.6838 Tons: Facility County: Riverside

D18 **MOBIL STATION 18-HQF** LUST S105050706 **CHMIRS** East 3399 ADAMS ST. N/A

1/8-1/4 0.162 mi.

Site 4 of 8 in cluster D

RIVERSIDE, CA 92504

856 ft. LUST REG 8: Relative:

Region: Higher County: Riverside

Actual: Regional Board: Santa Ana Region 832 ft. Facility Status: Leak being confirmed

Case Number: 083303818T Local Case Num: 200117656 Case Type: Aquifer affected Substance: Gasoline Qty Leaked: Not reported Abate Method: Not reported Cross Street: Not reported Enf Type: Not reported Funding: Not reported How Discovered: OM

Not reported How Stopped: Leak Cause: UNK Leak Source: UNK

Global ID: T0606599287

Direction Distance

Elevation Site Database(s) EPA ID Number

### **MOBIL STATION 18-HQF (Continued)**

S105050706

**EDR ID Number** 

How Stopped Date: 1/25/2001 Enter Date: Not reported Date Confirmation of Leak Began: 7/23/2001 Date Preliminary Assessment Began: Not reported Discover Date: 1/25/2001 **Enforcement Date:** Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported

GW Qualifies: = Soil Qualifies: = =

Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: LUST 33.927081 Latitude: Longitude: -117.419264 MTBE Date: 6/15/2004 Max MTBE GW: 110 MTBE Concentration: 0 Max MTBE Soil: 270 MTBE Fuel:

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class:

Staff: RS Staff Initials: SCB

Lead Agency: Local Agency
Local Agency: 33000L

Hydr Basin #: UPPER SANTA ANA VALL

Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Haz Mat incident report filed : PIPING/DISPENSER UPGRADE

#### CHMIRS:

**OES Incident Number:** 01-0712 OES notification: 02/02/2001 OES Date: Not reported OES Time: Not reported Incident Date: Not reported Not reported **Date Completed:** Property Use: Not reported Not reported Agency Id Number: Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Not reported Estimated Temperature: Property Management: Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

# MOBIL STATION 18-HQF (Continued)

S105050706

**EDR ID Number** 

Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:

Resp Agncy Personel # Of Decontaminated:
Responding Agency Personel # Of Injuries:
Responding Agency Personel # Of Fatalities:
Others Number Of Decontaminated:
Others Number Of Injuries:
Others Number Of Injuries:
Others Number Of Fatalities:
Not reported
Not reported
Not reported
Not reported
Not reported

Vehicle Make/year: Not reported Not reported Vehicle License Number: Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Not reported Facility Telephone:

Waterway Involved: No Waterway: Not reported Spill Site: Not reported Cleanup By: Responsible Party Containment: Not reported What Happened: Not reported Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported Year: 2001

Agency: Tanknology
Incident Date: 2/2/200112:00:00 AM

Admin Agency: Riverside City Fire Department

Amount: Not reported Contained: Yes

Site Type: Service Station
E Date: Not reported

Substance: Gasoline
Quantity Released: Not reported
BBLS: Not reported

Cups: 0 CUFT: 0 Gallons: 0 Grams: 0 Pounds: 0 Liters: 0 Ounces: 0 Pints: 0 0 Quarts: Sheen: 0 Tons: 0.000000 Unknown: Evacuations: 0 Number of Injuries: 0

Number of Fatalities:

Description: Construction at site and soil samples taken and elevated

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**MOBIL STATION 18-HQF (Continued)** 

S105050706

Hydro-Carbons were found/KW

D19 **EXXON MOBIL OIL CORP** RCRA-LQG 1007200129 CAL000055815

**3399 ADAMS ST East** 1/8-1/4 RIVERSIDE, CA 92504

0.162 mi.

856 ft. Site 5 of 8 in cluster D

Contact:

RCRA-LQG: Relative:

Date form received by agency: 02/28/2002 Higher

Facility name: EXXON MOBIL OIL CORP

Actual: Facility address: 3399 ADAMS ST 832 ft. RIVERSIDE, CA 92504

> EPA ID: CAL000055815 Mailing address:

12265 W BAYAUD AVE

LAKEWOOD, CO 80228 WENDY MCCARVILLE

Contact address: Not reported

Not reported Contact country: Not reported Contact telephone: (303) 986-8011 Contact email: Not reported

EPA Region: 09

Classification: Large Quantity Generator

Handler: generates 1,000 kg or more of hazardous waste during any Description:

> calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than

100 kg of that material at any time

Handler Activities Summary:

U.S. importer of hazardous waste: Nο Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: Nο User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Violation Status: No violations found

Direction Distance

Elevation Site Database(s) EPA ID Number

D20 MOBIL #18-HQF HIST CORTESE S101589879
East 3399 ADAMS ST CA FID UST N/A

1/8-1/4 RIVERSIDE, CA 92504

0.162 mi.

856 ft. Site 6 of 8 in cluster D

Relative: HIST CORTESE:

 Higher
 Region:
 CORTESE

 Facility County Code:
 33

 Actual:
 Reg By:
 LTNKA

 832 ft.
 Reg Id:
 083303278T

CA FID UST:

Facility ID: 33000427 Regulated By: UTNKA Regulated ID: 00039363 Cortese Code: Not reported SIC Code: Not reported Facility Phone: 7146872249 Mail To: Not reported 3225 GALLOWS RD Mailing Address: Mailing Address 2: Not reported Mailing City, St, Zip: **RIVERSIDE 92504** Contact: Not reported Contact Phone: Not reported Not reported DUNs Number: Not reported NPDES Number: EPA ID: Not reported Not reported Comments: Status: Active

SWEEPS UST:

Status: Active
Comp Number: 39363
Number: 1

 Board Of Equalization:
 44-000400

 Referral Date:
 11-17-92

 Action Date:
 11-17-92

 Created Date:
 02-29-88

 Owner Tank Id:
 001267

SWRCB Tank ld: 33-000-039363-000001

 Tank Status:
 A

 Capacity:
 10000

 Active Date:
 11-17-92

 Tank Use:
 M.V. FUEL

STG: P

Content: LEADED

Number Of Tanks: 4

Status: Active
Comp Number: 39363
Number: 1

Board Of Equalization: 44-000400
Referral Date: 11-17-92
Action Date: 11-17-92
Created Date: 02-29-88
Owner Tank Id: 001267

SWRCB Tank ld: 33-000-039363-000002

**EDR ID Number** 

**SWEEPS UST** 

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

# MOBIL #18-HQF (Continued)

S101589879

**EDR ID Number** 

Tank Status: 12000 Capacity: Active Date: 11-17-92 Tank Use: M.V. FUEL

STG:

**REG UNLEADED** Content: Number Of Tanks: Not reported

Status: Active Comp Number: 39363 Number:

44-000400 Board Of Equalization: 11-17-92 Referral Date: Action Date: 11-17-92 Created Date: 02-29-88 Owner Tank Id: 001267

SWRCB Tank Id: 33-000-039363-000003

Tank Status: Capacity: 10000 11-17-92 Active Date: M.V. FUEL Tank Use: Ρ

STG:

Content: **REG UNLEADED** Number Of Tanks: Not reported

Status: Active Comp Number: 39363 Number:

Board Of Equalization: 44-000400 Referral Date: 11-17-92 Action Date: 11-17-92 Created Date: 02-29-88 Owner Tank Id: 001267

SWRCB Tank Id: 33-000-039363-000004

Tank Status: 1000 Capacity: Active Date: 11-17-92 Tank Use: OIL STG: W WASTE OIL Content:

Number Of Tanks: Not reported

**MOBIL STATION #18-HQF** 

D21 3399 ADAMS ST East 1/8-1/4 RIVERSIDE, CA 92504

0.162 mi.

856 ft. Site 7 of 8 in cluster D

UST: Relative:

Facility ID: 523 Higher

Latitude: 33.9280039 Actual: Longitude: -117.417284

832 ft. Permitting AgencyRIVERSIDE COUNTY

RIVERSIDE CO. UST:

**RIVERSIDE** Region:

Total Tanks: 4 UST

U003791000

N/A

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

C22 **EDR US Hist Cleaners** 1015099707 8292 BRIARWOOD DR NNE

N/A

HIST UST U001576415

N/A

1/8-1/4 RIVERSIDE, CA 92504

0.164 mi.

864 ft. Site 3 of 3 in cluster C

**EDR Historical Cleaners:** Relative:

Lower Name: **ULTIMATE CARPET CLEANERS** 

> Year: 2007

Actual: Address: 8292 BRIARWOOD DR

820 ft.

D23 **TIRES & WHEELS - TEXACO** 8291 INDIANA AVE

**East** 1/8-1/4 RIVERSIDE, CA 92504

0.168 mi.

888 ft. Site 8 of 8 in cluster D

Relative:

HIST UST:

Region: STATE Higher

Facility ID: 00000054423 Actual: Facility Type: Gas Station 831 ft. Other Type: Not reported

Total Tanks: 0005

Contact Name: **RON COTTER** Telephone: 7146870714 R COTTER INC. Owner Name: Owner Address: 8291 INDIANA AVE. Owner City,St,Zip: RIVERSIDE, CA 92504

Tank Num: 001 Container Num: #1 Year Installed: 1961 Tank Capacity: 00004000 Tank Used for: **PRODUCT** Type of Fuel: UNLEADED Tank Construction: Not reported Leak Detection: Stock Inventor

Tank Num: 002 Container Num: #2 Year Installed: 1961 00004000 Tank Capacity: Tank Used for: **PRODUCT** Type of Fuel: **UNLEADED** Tank Construction: Not reported Leak Detection: Stock Inventor

Tank Num: 003 Container Num: #3 Year Installed: 1961 Tank Capacity: 00004000 Tank Used for: **PRODUCT** Type of Fuel: DIESEL Tank Construction: Not reported Leak Detection: Stock Inventor

Tank Num: 004 Container Num: #4 Year Installed: 1961 Tank Capacity: 00004000

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### TIRES & WHEELS - TEXACO (Continued)

U001576415

S101590277

N/A

CA FID UST

**SWEEPS UST** 

**PRODUCT** Tank Used for: DIESEL Type of Fuel: Tank Construction: Not reported Leak Detection: Stock Inventor

005 Tank Num: Container Num: #5 Year Installed: 1961 Tank Capacity: 00004000 Tank Used for: **PRODUCT REGULAR** Type of Fuel: Tank Construction: Not reported Stock Inventor Leak Detection:

E24 **QUAID IMPORTS ESE 8330 AUTO DR** 1/8-1/4 RIVERSIDE, CA 92504

0.219 mi.

1155 ft. Site 1 of 3 in cluster E

Relative: Higher

Actual:

849 ft.

CA FID UST:

Facility ID: 33006940 Regulated By: UTNKA Regulated ID: Not reported Cortese Code: Not reported

SIC Code: Not reported Facility Phone: 7146889420 Mail To: Not reported Mailing Address: 8330 INDIANA AVE Mailing Address 2: Not reported

Mailing City, St, Zip: RIVERSIDE 92504 Contact: Not reported Contact Phone: Not reported DUNs Number: Not reported NPDES Number: Not reported EPA ID: Not reported Comments: Not reported Active Status:

SWEEPS UST:

Status: Active 21740 Comp Number:

Number:

Board Of Equalization: 44-018084 Referral Date: 11-17-92 Action Date: 11-17-92 Created Date: 04-14-89 Owner Tank Id: 001629

SWRCB Tank Id: 33-000-021740-000001

Tank Status: 6000 Capacity: Active Date: 11-17-92 Tank Use: M.V. FUEL STG:

Content: **REG UNLEADED** 

Number Of Tanks:

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

E25 RIVERSIDE PORSCHE AUDI CA FID UST S101590238
ESE 3250 ADAMS ST SWEEPS UST N/A

1/8-1/4 RIVERSIDE, CA 92504

0.225 mi.

1187 ft. Site 2 of 3 in cluster E

Relative: Higher

Actual:

851 ft.

CA FID UST:

Facility ID: 33006852
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported

Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7146871177
Mail To: Not reported
Mailing Address: 3590 CENTRAL AVE
Mailing Address 2: Not reported

Mailing City, St, Zip: RIVERSIDE 92504 Contact: Not reported Contact Phone: Not reported DUNs Number: Not reported NPDES Number: Not reported Not reported EPA ID: Comments: Not reported Status: Active

SWEEPS UST:

Status: Active
Comp Number: 2327
Number: 1

 Board Of Equalization:
 44-017880

 Referral Date:
 06-25-90

 Action Date:
 06-25-90

 Created Date:
 04-21-89

 Owner Tank Id:
 001209

SWRCB Tank Id: 33-000-002327-000001

Tank Status: A
Capacity: 1000
Active Date: 06-25-90
Tank Use: OIL
STG: W

Content: WASTE OIL

Number Of Tanks: 1

26 EDR US Hist Auto Stat 1015422673

SSE 3205 VANCE ST 1/8-1/4 RIVERSIDE, CA 92504

0.230 mi. 1217 ft.

Relative: EDR Historical Auto Stations:

Higher Name: ACCURACY TECH FUEL INJECTION

Year: 2007

Actual: Address: 3205 VANCE ST 835 ft.

TC3967815.2s Page 45

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

E27 WALTERS AUTO SALES AND SERVICE RCRA NonGen / NLR 1000595234

ESE 3150 AUTO CENTER DR FINDS CAD983591504
1/8-1/4 RIVERSIDE, CA 92504 HIST CORTESE
0.239 mi. LUST

0.239 mi. 1262 ft. Site 3 of 3 in cluster E

Relative: RCRA NonGen / NLR:

Higher Date form received by agency: 07/26/1993

Facility name: WALTERS AUTO SALES AND SERVICE

Actual: Facility address: 3150 AUTO CENTER DR 853 ft. RIVERSIDE CA 92504

RIVERSIDE, CA 92504 EPA ID: CAD983591504

Contact: CHARLIE WERNER
Contact address: 3150 AUTO CENTER DR

RIVERSIDE, CA 92504

Contact country: US

Contact telephone: (714) 688-3332 Contact email: Not reported

EPA Region: 09

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: WALTER KIENLE
Owner/operator address: 3150 AUTO CENTER DR

RIVERSIDE, CA 92504

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No **EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### WALTERS AUTO SALES AND SERVICE (Continued)

1000595234

Used oil transporter: No

Violation Status: No violations found

FINDS:

110002850807 Registry ID:

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

HIST CORTESE:

Region: CORTESE Facility County Code: 33 Reg By: **LTNKA** Reg Id: 083303360T

LUST:

Region: STATE Global Id: T0606500566 Latitude: 33.9297066 Longitude: -117.4113529 Case Type: LUST Cleanup Site Completed - Case Closed Status:

Status Date: 11/22/2005

Lead Agency: RIVERSIDE COUNTY LOP

Case Worker: SCB

RIVERSIDE COUNTY LOP Local Agency:

083303360T RB Case Number: LOC Case Number: 9814805 Not reported File Location: Potential Media Affect: Soil Potential Contaminants of Concern: Gasoline Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

T0606500566 Global Id:

Contact Type: Local Agency Caseworker Contact Name: SHARON BOLTINGHOUSE RIVERSIDE COUNTY LOP Organization Name: 3880 LEMON ST SUITE 200 Address:

RIVERSIDE City:

sbolting@rivcocha.org Email:

Phone Number: 9519558982

Global Id: T0606500566

Regional Board Caseworker Contact Type: Contact Name: TOM E. MBEKE-EKANEM Organization Name: SANTA ANA RWQCB (REGION 8)

TC3967815.2s Page 47

Direction Distance

Elevation Site Database(s) EPA ID Number

## WALTERS AUTO SALES AND SERVICE (Continued)

1000595234

**EDR ID Number** 

Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: tmbeke-ekanem@waterboards.ca.gov

Phone Number: 9513202007

Status History:

Global Id: T0606500566

Status: Open - Case Begin Date

Status Date: 12/16/1998

Global Id: T0606500566

Status: Open - Verification Monitoring

Status Date: 12/02/2004

Global Id: T0606500566

Status: Completed - Case Closed

Status Date: 11/22/2005

Global Id: T0606500566

Status: Open - Site Assessment

Status Date: 12/21/1998

Global Id: T0606500566

Status: Open - Site Assessment

Status Date: 04/06/1999

Regulatory Activities:

 Global Id:
 T0606500566

 Action Type:
 ENFORCEMENT

 Date:
 07/25/2005

Action: LOP Case Closure Summary to RB

 Global Id:
 T0606500566

 Action Type:
 ENFORCEMENT

 Date:
 07/28/2005

Action: Technical Correspondence / Assistance / Other

 Global Id:
 T0606500566

 Action Type:
 ENFORCEMENT

 Date:
 11/11/2005

Action: Closure/No Further Action Letter - #RCDEH closure

 Global Id:
 T0606500566

 Action Type:
 ENFORCEMENT

 Date:
 07/27/2005

Action: File review - #RCDEH Upload Site File 2/23/2011

 Global Id:
 T0606500566

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Reported

 Global Id:
 T0606500566

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Discovery

MAP FINDINGS Map ID Direction

Distance

Elevation Site Database(s) **EPA ID Number** 

## WALTERS AUTO SALES AND SERVICE (Continued)

1000595234

**EDR ID Number** 

Global Id: T0606500566 **ENFORCEMENT** Action Type: 12/08/2000 Date: Action: Meeting

Global Id: T0606500566 **ENFORCEMENT** Action Type: Date: 11/10/2005

File review - #RCDEH Upload Site File 3/21/2011 Action:

T0606500566 Global Id: Action Type: Other 01/01/1950 Date: Action: Leak Stopped

LUST REG 8:

Region:

County: Riverside

Regional Board: Santa Ana Region

Preliminary site assessment workplan submitted Facility Status: Case Number:

083303360T

Local Case Num: 9814805 Soil only Case Type: Substance: Gasoline Qty Leaked: Not reported Abate Method: Not reported Cross Street: **INDIANA** Enf Type: MRP Not reported Funding: How Discovered: Tank Closure How Stopped: Not reported UNK Leak Cause: Leak Source: UNK

Global ID: T0606500566 12/16/1998 How Stopped Date: Enter Date: 3/19/1999 Date Confirmation of Leak Began: 12/21/1998 Date Preliminary Assessment Began: Not reported Discover Date: 12/21/1998 **Enforcement Date:** Not reported Close Date: Not reported 4/6/1999 Date Prelim Assessment Workplan Submitted: Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: 3/19/1999 **GW Qualifies:** Not reported Soil Qualifies: Not reported Operator: Not reported

Facility Contact: Not reported Not reported Interim: Oversite Program: LUST Latitude: 33.9252147 Longitude: -117.4181899 MTBE Date: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

1

WALTERS AUTO SALES AND SERVICE (Continued)

1000595234

Max MTBE GW: Not reported

MTBE Concentration: 0

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.

MTBE Class: TME Staff:

UNK Staff Initials: Lead Agency: Local Agency Local Agency: 33000L

UPPER SANTA ANA VALL Hydr Basin #:

Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Not reported

RIVERSIDE CO. LUST:

**RIVERSIDE** Region: Facility ID: 9814805 Employee: Boltinghous-LOP

Site Closed: Yes

Case Type: Drinking Water Aquifer affected closed/action completed Facility Status:

28 **EDR US Hist Auto Stat** 1015648584 **East** 8237 INDIANA AVE N/A

RIVERSIDE, CA 92504 1/8-1/4

0.246 mi.

1301 ft.

EDR Historical Auto Stations: Relative:

A ONE AUTO CENTER Name: Higher

2009 Year:

Actual: Address: 8237 INDIANA AVE 837 ft.

Name:

A ONE AUTO CTR

Year: 2010

8237 INDIANA AVE Address:

Name: A ONE AUTO CENTER

Year: 2012

8237 INDIANA AVE Address:

**RIVERSIDE AUTO CENTER** HIST CORTESE S105025841 29 **ESE** 8200 AUTO LUST N/A

1/4-1/2 RIVERDALE, CA 92504 0.299 mi.

1578 ft.

HIST CORTESE: Relative:

CORTESE Region: Higher Facility County Code: 33

Actual: Reg By: **LTNKA** 855 ft. 083302083T Reg Id:

Direction Distance Elevation

Site Database(s) **EPA ID Number** 

## **RIVERSIDE AUTO CENTER (Continued)**

S105025841

**EDR ID Number** 

LUST:

STATE Region: Global Id: T0606500273 Latitude: 33.9256839 Longitude: -117.416864 Case Type: **LUST Cleanup Site** Completed - Case Closed Status: 04/21/1994 Status Date:

Lead Agency: RIVERSIDE COUNTY LOP Case Worker: SCB

RIVERSIDE COUNTY LOP Local Agency:

RB Case Number: 083302083T LOC Case Number: 92517

Local Agency Warehouse File Location:

Potential Media Affect: Soil Potential Contaminants of Concern: Gasoline Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0606500273

Contact Type: Regional Board Caseworker Contact Name: NANCY OLSON-MARTIN

Organization Name: SANTA ANA RWQCB (REGION 8) 3737 MAIN STREET, SUITE 500 Address:

City: **RIVERSIDE** 

Email: nolson-martin@waterboards.ca.gov

Phone Number: Not reported

Global Id: T0606500273

Contact Type: Local Agency Caseworker Contact Name: SHARON BOLTINGHOUSE Organization Name: RIVERSIDE COUNTY LOP 3880 LEMON ST SUITE 200 Address:

City: **RIVERSIDE** 

Email: sbolting@rivcocha.org

Phone Number: 9519558982

Status History:

Global Id: T0606500273 Status: Open - Remediation

08/20/1992 Status Date:

Global Id: T0606500273

Completed - Case Closed Status:

Status Date: 04/21/1994

Global Id: T0606500273

Status: Open - Site Assessment

Status Date: 05/29/1992

Global Id: T0606500273

Open - Site Assessment Status:

06/08/1992 Status Date:

Global Id: T0606500273

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## **RIVERSIDE AUTO CENTER (Continued)**

S105025841

Open - Case Begin Date Status:

05/29/1992 Status Date:

Regulatory Activities:

Global Id: T0606500273 Action Type: **ENFORCEMENT** 04/20/1994 Date:

File review - #RCDEH Upload Site File 8/16/2010 Action:

Global Id: T0606500273 Action Type: **ENFORCEMENT** Date: 04/21/1994

Action: Closure/No Further Action Letter - #RCDEH0421

Global Id: T0606500273 Other Action Type: 01/01/1950 Date: Action: Leak Reported

T0606500273 Global Id: Action Type: Other Date: 01/01/1950 Action: Leak Discovery

T0606500273 Global Id: Action Type: Other Date: 01/01/1950 Action: Leak Stopped

T0606500273 Global Id: Action Type: REMEDIATION Date: 01/01/1950 Action: Excavation

F30 **RIVERSIDE AUTO CENTER** LUST S102435897 **8200 AUTO DRIVE East** N/A

RIVERSIDE, CA 92504 1/4-1/2

0.302 mi.

1595 ft. Site 1 of 2 in cluster F

LUST REG 8: Relative: Region: Higher

County: Riverside Actual: Regional Board: Santa Ana Region 852 ft. Facility Status: Case Closed

083302083T Case Number: Local Case Num: Not reported Soil only Case Type: Substance: Gasoline Qty Leaked: Not reported

Abate Method: Excavate and Dispose - remove contaminated soil and dispose in

approved site

Cross Street: **ADAMS** Enf Type: **CLOS** Funding: Not reported How Discovered: Tank Closure

MAP FINDINGS Map ID Direction

Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### **RIVERSIDE AUTO CENTER (Continued)**

S102435897

How Stopped: Not reported UNK Leak Cause: Leak Source: UNK

Global ID: T0606500273 How Stopped Date: 5/29/1992 Enter Date: 7/3/1992 Date Confirmation of Leak Began: 5/29/1992 Date Preliminary Assessment Began: Not reported 5/29/1992 Discover Date: **Enforcement Date:** Not reported Close Date: 4/21/1994 Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: 6/8/1992 Date Post Remedial Action Monitoring: Not reported Enter Date: 7/3/1992 **GW Qualifies:** Not reported Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: LUST Latitude: 33.9267236 Longitude: -117.4162449 MTBE Date: Not reported Max MTBE GW: Not reported

MTBE Concentration:

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Detected. Site tested for MTBE & MTBE detected MTBE Tested:

MTBE Class: Staff: NOM Staff Initials: UNK

Lead Agency: Local Agency 33000L

Local Agency:

Hydr Basin #: UPPER SANTA ANA VALL Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

WASTE OIL ALSO Summary:

F31 **TIBBETS MGMT INCORPORATED** 

RCRA-SQG **East 8200 AUTO DR** 1/4-1/2 RIVERSIDE, CA **CA FID UST** 

0.302 mi. 1595 ft. Site 2 of 2 in cluster F

**HIST UST SWEEPS UST** Relative: **HAZNET** Higher

Actual: RCRA-SQG:

852 ft. Date form received by agency: 03/30/2000

Facility name: SINGH CHEVROLET Facility address: 8200 AUTO DR RIVERSIDE, CA 92504

EPA ID: CAD981374291 1000153930

CAD981374291

**FINDS** 

LUST

**EMI** 

Direction Distance Elevation

ation Site Database(s) EPA ID Number

## **TIBBETS MGMT INCORPORATED (Continued)**

1000153930

**EDR ID Number** 

Contact: MICHAEL WADSTEIN

Contact address: 8200 AUTO DR RIVERSIDE, CA 92504

US

Contact telephone: (909) 688-8111 Contact email: Not reported

EPA Region: 09 Land type: Private

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Contact country:

Owner/operator name: DALIP SINGH SETHI
Owner/operator address: 8200 AUTO DR

RIVERSIDE, CA 92504

Owner/operator country: Not reported
Owner/operator telephone: (909) 688-8111

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

#### Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: Nο Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

## Historical Generators:

Date form received by agency: 09/01/1996

Facility name: SINGH CHEVROLET

Direction Distance Elevation

tion Site Database(s) EPA ID Number

#### **TIBBETS MGMT INCORPORATED (Continued)**

1000153930

**EDR ID Number** 

Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D000 Waste name: Not Defined

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Waste code: D039

Waste name: TETRACHLOROETHYLENE

Waste code: D040

Waste name: TRICHLOROETHYLENE

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 09/28/1992

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110001154722

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

RIVERSIDE CO. LUST:

Region: RIVERSIDE Facility ID: 92517

Employee: Boltinghous-LOP

Site Closed: Yes

Direction Distance

Elevation Site Database(s) EPA ID Number

#### **TIBBETS MGMT INCORPORATED (Continued)**

1000153930

**EDR ID Number** 

Case Type: Soil only

Facility Status: closed/action completed

CA FID UST:

Facility ID: 33000332 **UTNKA** Regulated By: Regulated ID: 00053502 Cortese Code: Not reported SIC Code: Not reported Facility Phone: 7146888111 Mail To: Not reported Mailing Address: 8200 AUTO DR Mailing Address 2: Not reported RIVERSIDE 92504 Mailing City, St, Zip: Contact: Not reported Contact Phone: Not reported Not reported **DUNs Number:** NPDES Number: Not reported EPA ID: Not reported Comments: Not reported

HIST UST:

Status:

Region: STATE
Facility ID: 00000053502
Facility Type: Not reported

Other Type: CHEVROLET DEALERSHIP

Active

Total Tanks: 0006

Contact Name: GEORGE READE 7146888111

Owner Name: DE ANZA CHEVROLET
Owner Address: 8200 AUTO DRIVE
Owner City,St,Zip: RIVERSIDE, CA 92504

Tank Num: 001 Container Num: 3

Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

Tank Num: 002 Container Num: 4

Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported

Leak Detection: None

Tank Num: 003 Container Num: 5

Year Installed: Not reported Tank Capacity: 00001000

Direction Distance

Elevation Site Database(s) EPA ID Number

## **TIBBETS MGMT INCORPORATED (Continued)**

1000153930

**EDR ID Number** 

Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

Tank Num: 004 Container Num: 6

Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

Tank Num: 005 Container Num: 1

Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

Tank Num: 006 Container Num: 2

Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

## SWEEPS UST:

Status: Active Comp Number: 53502 Number: 1

 Board Of Equalization:
 44-018352

 Referral Date:
 04-26-90

 Action Date:
 04-26-90

 Created Date:
 02-29-88

 Owner Tank Id:
 000395

SWRCB Tank Id: 33-000-053502-000001

Tank Status: A
Capacity: 500
Active Date: 04-26-90
Tank Use: OIL
STG: W

Content: WASTE OIL

Number Of Tanks: 11

Status: Active Comp Number: 53502 Number: 1

 Board Of Equalization:
 44-018352

 Referral Date:
 04-26-90

 Action Date:
 04-26-90

 Created Date:
 02-29-88

Direction Distance Elevation

evation Site Database(s) EPA ID Number

## **TIBBETS MGMT INCORPORATED (Continued)**

000395

SWRCB Tank ld: 33-000-053502-000002

 Tank Status:
 A

 Capacity:
 1000

 Active Date:
 04-26-90

 Tank Use:
 M.V. FUEL

STG: F

Owner Tank Id:

Content: REG UNLEADED Number Of Tanks: Not reported

Status: Active
Comp Number: 53502
Number: 1

 Board Of Equalization:
 44-018352

 Referral Date:
 04-26-90

 Action Date:
 04-26-90

 Created Date:
 02-29-88

 Owner Tank Id:
 000395

SWRCB Tank ld: 33-000-053502-000003

Tank Status: A
Capacity: 1000
Active Date: 04-26-90
Tank Use: M.V. FUEL

STG:

Content: REG UNLEADED Number Of Tanks: Not reported

Status: Active
Comp Number: 53502
Number: 1

 Board Of Equalization:
 44-018352

 Referral Date:
 04-26-90

 Action Date:
 04-26-90

 Created Date:
 02-29-88

 Owner Tank Id:
 000395

SWRCB Tank Id: 33-000-053502-000004

 Tank Status:
 A

 Capacity:
 500

 Active Date:
 04-26-90

 Tank Use:
 OIL

 STG:
 W

 Content:
 WASTE O

Content: WASTE OIL Number Of Tanks: Not reported

Status: Active Comp Number: 53502 Number: 1

 Board Of Equalization:
 44-018352

 Referral Date:
 04-26-90

 Action Date:
 04-26-90

 Created Date:
 02-29-88

 Owner Tank Id:
 000395

SWRCB Tank Id: 33-000-053502-000005

Tank Status: A
Capacity: 500
Active Date: 04-26-90
Tank Use: OIL

**EDR ID Number** 

1000153930

Direction Distance

Elevation Site Database(s) EPA ID Number

#### **TIBBETS MGMT INCORPORATED (Continued)**

1000153930

**EDR ID Number** 

STG: W

Content: WASTE OIL Number Of Tanks: Not reported

Status: Active
Comp Number: 53502
Number: 1

 Board Of Equalization:
 44-018352

 Referral Date:
 04-26-90

 Action Date:
 04-26-90

 Created Date:
 02-29-88

 Owner Tank Id:
 000395

SWRCB Tank ld: 33-000-053502-000006

Tank Status: A
Capacity: 500
Active Date: 04-26-90
Tank Use: OIL
STG: W

Content: WASTE OIL Number Of Tanks: Not reported

Status: Active
Comp Number: 53502
Number: 1
Board Of Equalization: 44-018

 Board Of Equalization:
 44-018352

 Referral Date:
 04-26-90

 Action Date:
 04-26-90

 Created Date:
 02-29-88

 Owner Tank Id:
 000395

SWRCB Tank ld: 33-000-053502-000007

Tank Status: A
Capacity: 550
Active Date: 04-26-90
Tank Use: OIL
STG: W

Content: WASTE OIL Number Of Tanks: Not reported

Status: Active Comp Number: 53502 Number: 1

 Board Of Equalization:
 44-018352

 Referral Date:
 04-26-90

 Action Date:
 04-26-90

 Created Date:
 02-29-88

 Owner Tank Id:
 000395

SWRCB Tank ld: 33-000-053502-000008

Tank Status:

 Capacity:
 500

 Active Date:
 04-26-90

 Tank Use:
 OIL

 STG:
 W

 Content:
 NEW OIL

 Number Of Tanks:
 Not reported

Status: Active Comp Number: 53502

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## **TIBBETS MGMT INCORPORATED (Continued)**

1000153930

Number:

Board Of Equalization: 44-018352 Referral Date: 04-26-90 Action Date: 04-26-90 Created Date: 02-29-88 000395 Owner Tank Id:

SWRCB Tank Id: 33-000-053502-000009

Tank Status: Α Capacity: 500 Active Date: 04-26-90 Tank Use: OIL STG: W **NEW OIL** Content: Number Of Tanks: Not reported

Status: Active 53502 Comp Number: Number:

Board Of Equalization: 44-018352 04-26-90 Referral Date: Action Date: 04-26-90 Created Date: 02-29-88 Owner Tank Id: 000395

SWRCB Tank Id: 33-000-053502-000010

Tank Status:

Capacity: 500 Active Date: 04-26-90 Tank Use: OIL STG: W **NEW OIL** Content: Number Of Tanks: Not reported

Status: Active Comp Number: 53502 Number:

Board Of Equalization: 44-018352 Referral Date: 04-26-90 Action Date: 04-26-90 02-29-88 Created Date: Owner Tank Id: 000395

33-000-053502-000011 SWRCB Tank Id:

Tank Status: Α Capacity: 500 04-26-90 Active Date: Tank Use: OIL STG: W Content: **NEW OIL** 

Number Of Tanks: Not reported

HAZNET:

Year: 2012

Gepaid: CAD981374291

RON JENKINS / SERVICE MANAGER Contact:

Telephone: 9516888111 Mailing Name: Not reported Mailing Address: 8200 AUTO DRIVE

RIVERSIDE, CA 925044106 Mailing City, St, Zip:

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## **TIBBETS MGMT INCORPORATED (Continued)**

1000153930

Gen County: Riverside CAD008302903 TSD EPA ID: TSD County: Los Angeles Waste Category: Not reported

Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site

Tons: 0.221 Facility County: Riverside

2012 Year:

Gepaid: CAD981374291

Contact: RON JENKINS / SERVICE MANAGER

Telephone: 9516888111 Mailing Name: Not reported Mailing Address: 8200 AUTO DRIVE Mailing City, St, Zip: RIVERSIDE, CA 925044106

Gen County: Riverside TSD EPA ID: CAD008302903 TSD County: Los Angeles Waste Category: Not reported

Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site

Tons: 0.3753 Facility County: Riverside

Year: 2012

Gepaid: CAD981374291

Contact: RON JENKINS / SERVICE MANAGER

Telephone: 9516888111 Mailing Name: Not reported 8200 AUTO DRIVE Mailing Address: Mailing City, St, Zip: RIVERSIDE, CA 925044106

Gen County: Riverside TSD EPA ID: CAD008302903

TSD County: Los Angeles Waste Category: Not reported

Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery Disposal Method:

(H010-H129) Or (H131-H135)

0.0925 Tons: Facility County: Riverside

Year: 2011

Gepaid: CAD981374291

Contact: RON JENKINS / SERVICE MANAGER

Telephone: 9516888111 Mailing Name: Not reported Mailing Address: 8200 AUTO DRIVE Mailing City, St, Zip: RIVERSIDE, CA 925044106

Gen County: Not reported TSD EPA ID: CAD008302903 TSD County: Not reported

Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.) Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site

Tons: Riverside Facility County:

Year: 2011

Gepaid: CAD981374291

Contact: RON JENKINS / SERVICE MANAGER

Direction Distance

Elevation Site Database(s) EPA ID Number

## **TIBBETS MGMT INCORPORATED (Continued)**

1000153930

**EDR ID Number** 

Telephone: 9516888111

Mailing Name: Not reported

Mailing Address: 8200 AUTO DRIVE

Mailing City, St, Zip: RIVERSIDE, CA 925044106

Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported

Waste Category: Unspecified organic liquid mixture

Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site

Tons: 0.102 Facility County: Riverside

Click this hyperlink while viewing on your computer to access 85 additional CA\_HAZNET: record(s) in the EDR Site Report.

EMI:

 Year:
 1987

 County Code:
 33

 Air Basin:
 SC

 Facility ID:
 4661

 Air District Name:
 SC

 SIC Code:
 5511

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

 Year:
 1990

 County Code:
 33

 Air Basin:
 SC

 Facility ID:
 4661

 Air District Name:
 SC

 SIC Code:
 5511

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Direction Distance

Elevation Site Database(s) EPA ID Number

G32 RIV., CITY OF - TRAINING TOWER HIST CORTESE S102435890
East 3205 SAINT LAWRENCE ST LUST N/A

1/4-1/2 RIVERSIDE, CA 92504

0.485 mi.

2561 ft. Site 1 of 2 in cluster G

Relative: HIST CORTESE:

Higher Region: CORTESE Facility County Code: 33

 Actual:
 Reg By:
 LTNKA

 859 ft.
 Reg Id:
 083301268T

LUST:

 Region:
 STATE

 Global Id:
 T0606500141

 Latitude:
 33.9227014

 Longitude:
 -117.4103754

 Case Type:
 LUST Cleanup Site

 Status:
 Completed - Case Closed

Status Date: 09/15/1989

Lead Agency: RIVERSIDE COUNTY LOP

Case Worker: SCB

Local Agency: RIVERSIDE COUNTY LOP

 RB Case Number:
 083301268T

 LOC Case Number:
 89345

File Location: Local Agency Warehouse

Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0606500141

Contact Type: Local Agency Caseworker
Contact Name: SHARON BOLTINGHOUSE
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200

City: RIVERSIDE

Email: sbolting@rivcocha.org

Phone Number: 9519558982

Global Id: T0606500141

Contact Type: Regional Board Caseworker Contact Name: PATRICIA HANNON

Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: phannon@waterboards.ca.gov

Phone Number: Not reported

Status History:

Global Id: T0606500141
Status: Open - Remediation

Status Date: 06/22/1989

Global Id: T0606500141

Status: Completed - Case Closed

Status Date: 09/15/1989

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## RIV., CITY OF - TRAINING TOWER (Continued)

S102435890

Global Id: T0606500141

Open - Site Assessment Status:

Status Date: 02/16/1989

T0606500141 Global Id:

Open - Site Assessment Status:

Status Date: 05/02/1989

Global Id: T0606500141

Status: Open - Case Begin Date

02/16/1989 Status Date:

Regulatory Activities:

Global Id: T0606500141 Action Type: Other Date: 01/01/1950 Action: Leak Discovery

T0606500141 Global Id: REMEDIATION Action Type: 01/01/1950 Date: Action: Excavation

Global Id: T0606500141 Action Type: **ENFORCEMENT** Date: 09/14/1989

Action: File review - #RCDEH Upload Site File 9/14/2010

Global Id: T0606500141 **ENFORCEMENT** Action Type: Date: 09/15/1989

Action: Closure/No Further Action Letter - #RCDEH0915

T0606500141 Global Id: Action Type: Other 01/01/1950 Date: Action: Leak Reported

T0606500141 Global Id: Action Type: Other Date: 01/01/1950 Action: Leak Stopped

LUST REG 8:

Region: 8

County: Riverside Regional Board: Santa Ana Region Facility Status: Case Closed Case Number: 083301268T Local Case Num: Not reported Case Type: Soil only Substance: Gasoline Qty Leaked: Not reported Abate Method: Not reported Cross Street: LINCOLN

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## RIV., CITY OF - TRAINING TOWER (Continued)

S102435890

Enf Type: **CLOS** Funding: Federal Funds How Discovered: Tank Closure How Stopped: Not reported Leak Cause: UNK UNK Leak Source: T0606500141 Global ID: How Stopped Date: 2/16/1989 Enter Date: 9/7/1989 Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: 8/1/1989 2/16/1989 Discover Date: 1/1/1965 **Enforcement Date:** Close Date: 9/15/1989 Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: 9/12/1989 Date Post Remedial Action Monitoring: Not reported Enter Date: 9/7/1989 **GW Qualifies:** Not reported Soil Qualifies: Not reported Not reported Operator: Facility Contact: Not reported Interim: Yes Oversite Program: LUST Latitude: 33.9256107 Longitude: -117.4126467 MTBE Date: Not reported

MTBE Concentration: 0

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.

Not reported

MTBE Class: PAH Staff: Staff Initials: UNK Lead Agency: Local Agency 33000L Local Agency:

UPPER SANTA ANA VALL Hydr Basin #:

Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Not reported

Max MTBE GW:

G33 **CITY OF TRARNING TOWER** Notify 65 S100179054 3205 ST. LAWRENCE N/A

**East** 1/2-1 RIVERSIDE, CA 90040

0.523 mi.

Site 2 of 2 in cluster G 2764 ft.

Notify 65: Relative:

Date Reported: Not reported Higher Staff Initials: Not reported Actual: Board File Number: Not reported

861 ft. Facility Type: Not reported Discharge Date: Not reported

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

## CITY OF TRARNING TOWER (Continued)

S100179054

Incident Description: 90040

34 RIVERSIDE PUBLIC UTILITIES DEPARTMENT LUST

ESE 8095 LINCOLN AVENUE 1/2-1 RIVERSIDE, CA 92504 LUST S100202175 CHMIRS N/A ENVIROSTOR

0.718 mi. 3792 ft.

Relative: LUST: Higher Region:

Actual: 885 ft. 
 Region:
 STATE

 Global Id:
 T0606500494

 Latitude:
 33.9228558

 Longitude:
 -117.4103856

 Case Type:
 LUST Cleanup Site

 Status:
 Completed - Case Closed

Status Date: 04/01/1998

Lead Agency: RIVERSIDE COUNTY LOP

Case Worker: SCB

Local Agency: RIVERSIDE COUNTY LOP

RB Case Number: 083303018T LOC Case Number: 970620

File Location: Local Agency Warehouse

Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0606500494

Contact Type: Local Agency Caseworker
Contact Name: SHARON BOLTINGHOUSE
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200

City: RIVERSIDE

Email: sbolting@rivcocha.org

Phone Number: 9519558982

Global Id: T0606500494

Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT

Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: cbernhardt@waterboards.ca.gov

Phone Number: 9517824495

Status History:

Global Id: T0606500494

Status: Open - Case Begin Date

Status Date: 05/05/1997

Global Id: T0606500494
Status: Open - Remediation

Status Date: 05/05/1997

Global Id: T0606500494

Status: Completed - Case Closed

Direction Distance

Elevation Site Database(s) EPA ID Number

#### RIVERSIDE PUBLIC UTILITIES DEPARTMENT (Continued)

S100202175

**EDR ID Number** 

Status Date: 04/01/1998

Global Id: T0606500494

Status: Open - Site Assessment

Status Date: 06/11/1997

Global Id: T0606500494

Status: Open - Site Assessment

Status Date: 06/12/1997

Regulatory Activities:

 Global Id:
 T0606500494

 Action Type:
 ENFORCEMENT

 Date:
 04/01/1998

Action: Closure/No Further Action Letter - #Riv Co Closure

 Global Id:
 T0606500494

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Reported

 Global Id:
 T0606500494

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Discovery

 Global Id:
 T0606500494

 Action Type:
 ENFORCEMENT

 Date:
 03/31/1998

Action: File review - #RCDEH Upload Site File 9/8/2010

 Global Id:
 T0606500494

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Stopped

RIVERSIDE CO. LUST:

Region: RIVERSIDE Facility ID: 970620 Employee: Boltinghous-LOP

Site Closed: Yes

Case Type: Soil only

Facility Status: closed/action completed

CHMIRS:

**OES Incident Number:** 9013249 OES notification: Not reported Not reported OES Date: **OES Time:** Not reported 01-OCT-90 Incident Date: **Date Completed:** 01-OCT-90 Property Use: 600 33075 Agency Id Number: Agency Incident Number: 9013504 Time Notified: 836

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### RIVERSIDE PUBLIC UTILITIES DEPARTMENT (Continued)

S100202175

Time Completed: 1042 600 Surrounding Area: Estimated Temperature: 72 Property Management: С

Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported More Than Two Substances Involved?: Ν Resp Agncy Personel # Of Decontaminated: 0 Responding Agency Personel # Of Injuries: Responding Agency Personel # Of Fatalities: Others Number Of Decontaminated: 0 Others Number Of Injuries: 0 Others Number Of Fatalities: 0 Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported

Reporting Officer Name/ID: CAPT. LARRY ROOP

Report Date: 01-OCT-90

Comments:

Facility Telephone: 714 782-5331 Waterway Involved: Not reported Waterway: Not reported Not reported Spill Site: Not reported Cleanup By: Containment: Not reported What Happened: Not reported Type: Not reported Not reported Measure: Not reported Other: Date/Time: Not reported Year: 88-92 Agency: Not reported Incident Date: Not reported Not reported Admin Agency: Not reported Amount: Contained: Not reported Site Type: Not reported E Date: 10-JUN-91 Substance: Not reported Quantity Released: Not reported BBLS: Not reported Cups: Not reported CUFT: Not reported Gallons: Not reported Grams: Not reported Pounds: Not reported Liters: Not reported Ounces: Not reported Pints: Not reported

Not reported

Quarts:

Direction Distance

Elevation Site Database(s) EPA ID Number

#### RIVERSIDE PUBLIC UTILITIES DEPARTMENT (Continued)

S100202175

**EDR ID Number** 

Sheen: Not reported Tons: Not reported Unknown: Not reported Evacuations: Not reported Number of Injuries: Not reported Number of Fatalities: Not reported Description: Not reported

ENVIROSTOR:

Facility ID: 33490080

Status: Refer: Other Agency
Status Date: 08/12/1988
Site Code: Not reported
Site Type: Historical
Site Type Detailed: \* Historical
Acres: Not reported
NPL: NO

Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: \* Mmonroy
Division Branch: Cleanup Cypress

Assembly: 61 Senate: 31

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.9225
Longitude: -117.4102
APN: NONE SPECIFIED

Past Use: NONE SPECIFIED

Potential COC: \* UNSPECIFIED OIL CONTAINING WASTE \* UNSPECIFIED SOLVENT MIXTURES

Polychlorinated biphenyls (PCBs

Confirmed COC: NONE SPECIFIED NONE SPECIFIED NONE SPECIFIED Alias Name: CAD040502114

Alias Type: EPA Identification Number

Alias Name: 110002643916 Alias Type: EPA (FRS #) Alias Name: 33490080

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: \* Discovery
Completed Date: \* 10/12/1983

Comments: FACILITY IDENTIFIED ID FROM ERRIS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994

Comments: Database verification project confirms NFA for DTSC.

Completed Area Name: PROJECT WIDE

Direction Distance

Elevation Site Database(s) EPA ID Number

## RIVERSIDE PUBLIC UTILITIES DEPARTMENT (Continued)

S100202175

ENVIROSTOR \$110494210

N/A

**EDR ID Number** 

Completed Sub Area Name: Not reported Completed Document Type: Site Screening Completed Date: 08/12/1988

Comments: SITE SCREENING DONE NFA UNDER SITE MITIGATION; RCRA REGULAT- ED

**FACILITY** 

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Assessment Report

Completed Date: 09/12/1984

Comments: SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported Future Due Date: Not reported Not reported Schedule Area Name: Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

35 PROGRESSIVE CUSTOM WHEELS, INC.

2950 JEFFERSON STREET RIVERSIDE, CA 92504

1/2-1 0.787 mi. 4154 ft.

East

Relative: ENVIROSTOR:

Higher Facility ID: 71002978

Status: Inactive - Needs Evaluation

Actual: Status Date: Not reported

Actual: Status Date: Not reported
874 ft. Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit

Acres: Not reported NPL: NO

Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress

Assembly: 61 Senate: 31

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: Not reported 33.92533 Longitude: -117.4071

APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982033292

Alias Type: EPA Identification Number

Alias Name: 71002978

Map ID MAP FINDINGS Direction

Distance Elevation Site

Database(s) EPA ID Number

PROGRESSIVE CUSTOM WHEELS, INC. (Continued)

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 05/05/1999
Comments: Not reported

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported Future Due Date: Not reported Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

TC3967815.2s Page 71

**EDR ID Number** 

S110494210

Count: 20 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
RIVERSIDE	1010727972	RIVERSIDE NATIONAL CEMETERY	7		FINDS
RIVERSIDE	S112935066	RIVERSIDE HOUSING DEVELOPMENT CORP	8845 & 8851 INDIANA AVE	92503	HAZNET
RIVERSIDE	S112907656	RIVERSIDE HOUSING DEVELOPMENT CORP	8893 & 8911 INDIANA AVE	92503	HAZNET
RIVERSIDE	1000261432	ENVIROMENTAL ENHANCEMENT SYSTEMS	62 AVE &60TH AVE ON ST HWY 111		RCRA-SQG, FINDS
RIVERSIDE	1006306620	UNIV CAL RIVERSIDE	CENTRAL STEAM PLANT-UCR		FINDS
RIVERSIDE	S112969499	CITY OF RIVERSIDE	SE CO MAGNOLIA AVE & VAN BURAN	92503	HAZNET
RIVERSIDE	1011306676	UNIV. CALIFORNIA, RIVERSIDE	DEPARTMENT OF ENOTMOLOGY		FINDS
RIVERSIDE	1012268009	RIVERSIDE CO. STORM WATER SYSTEM#	FLOOD CNTRL & WATER CON DIST		FINDS
RIVERSIDE	1012267854	RIVERSIDE CO. STORM WATER SYSTEM #	FLOOD CNTRL & WATER CON DIST		FINDS
RIVERSIDE	1012267798	RIVERSIDE CO. STORM WATER SYSTEM#	FLOOD CNTRL & WATER CON DIST		FINDS
RIVERSIDE	1012267737	RIVERSIDE CO. STORM WATER SYSTEM #	FLOOD CNTRL & WATER CON DIST		FINDS
RIVERSIDE	1012267609	RIVERSIDE CO. STORM WATER SYSTEM #	FLOOD CNTRL & WATER CON DIST		FINDS
RIVERSIDE	1012267542	RIVERSIDE CO. STORM WATER SYSTEM #	FLOOD CNTRL & WATER CON DIST		FINDS
RIVERSIDE	1012267533	RIVERSIDE CO. STORM WATER SYSTEM #	FLOOD CNTRL & WATER CON DIST		FINDS
RIVERSIDE	1010014191	RIVERSIDE, COUNTY OF/MS4	FLOOD CNTRL & WATER CON DIST		FINDS
RIVERSIDE	S111213843	WEST RIVERSIDE LANDFILL - CLOSED	HALL AVE & HWY 60		ENF
RIVERSIDE	S100179430	HUMPHRIES, CLARENCE, REAL PROP	11900 MAGNOLIA AVE	92503	HIST CORTESE, LUST, Notify 65
RIVERSIDE	1003878498	PACIFIC AIRMOTIVE	RIVERSIDE MUNICIPAL ARPT	92504	CERC-NFRAP
RIVERSIDE	1014676343	CITY OF RIVERSIDE (TEQUESQUITE LAN	5900 TEQUESQUITE AVE		FINDS
RIVERSIDE	1014674066	RIVERSIDE METRO CENTER	UNKNOWN		FINDS

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

### STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013 Source: EPA
Date Data Arrived at EDR: 11/11/2013 Telephone: N/A

Date Made Active in Reports: 01/28/2014 Last EDR Contact: 04/08/2014

Number of Days to Update: 78 Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013 Source: EPA
Date Data Arrived at EDR: 11/11/2013 Telephone: N/A

Number of Days to Update: 78 Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267

Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

#### Federal Delisted NPL site list

**DELISTED NPL: National Priority List Deletions** 

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 01/28/2014

Number of Days to Update: 78

Source: EPA Telephone: N/A

Last EDR Contact: 04/08/2014

Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

#### Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 94

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 05/29/2014

Next Scheduled EDR Contact: 09/08/2014 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013 Date Data Arrived at EDR: 07/08/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 151

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 04/11/2014

Next Scheduled EDR Contact: 07/21/2014 Data Release Frequency: Varies

#### Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 94

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 05/29/2014

Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Quarterly

#### Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 03/13/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Quarterly

#### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/13/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Quarterly

#### Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014 Number of Days to Update: 27 Source: Environmental Protection Agency Telephone: (415) 495-8895 Last EDR Contact: 03/13/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/13/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/13/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Varies

#### Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013 Date Data Arrived at EDR: 01/14/2014 Date Made Active in Reports: 01/28/2014

Number of Days to Update: 14

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/05/2014

Next Scheduled EDR Contact: 09/22/2014 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013 Date Data Arrived at EDR: 01/14/2014 Date Made Active in Reports: 01/28/2014

Number of Days to Update: 14

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/05/2014

Next Scheduled EDR Contact: 09/22/2014 Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/26/2014 Date Data Arrived at EDR: 02/28/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 55

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/19/2014

Next Scheduled EDR Contact: 09/01/2014 Data Release Frequency: Varies

### Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013 Date Data Arrived at EDR: 10/01/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 66

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 06/06/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Annually

## State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 05/05/2014 Date Data Arrived at EDR: 05/06/2014 Date Made Active in Reports: 05/19/2014

Number of Days to Update: 13

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 06/06/2014

Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

#### ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 05/05/2014 Date Data Arrived at EDR: 05/06/2014 Date Made Active in Reports: 05/19/2014

Number of Days to Update: 13

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 06/06/2014

Next Scheduled EDR Contact: 08/18/2014 Data Release Frequency: Quarterly

#### State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/19/2014 Date Data Arrived at EDR: 05/20/2014 Date Made Active in Reports: 05/22/2014

Number of Days to Update: 2

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 05/20/2014

Next Scheduled EDR Contact: 09/01/2014 Data Release Frequency: Quarterly

### State and tribal leaking storage tank lists

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005 Date Data Arrived at EDR: 02/15/2005 Date Made Active in Reports: 03/28/2005

Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-4496 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Varies

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004 Date Data Arrived at EDR: 10/20/2004 Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-622-2433 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001 Date Data Arrived at EDR: 02/28/2001 Date Made Active in Reports: 03/29/2001

Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)

Telephone: 707-570-3769 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

#### LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 05/01/2014 Date Data Arrived at EDR: 05/01/2014 Date Made Active in Reports: 05/13/2014

Number of Days to Update: 12

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 05/01/2014

Next Scheduled EDR Contact: 06/30/2014 Data Release Frequency: Quarterly

#### LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6710 Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

#### LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008 Date Data Arrived at EDR: 07/22/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-4834 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

#### LUST REG 6L: Leaking Underground Storage Tank Case Listing

 $For more \ current \ information, \ please \ refer \ to \ the \ State \ Water \ Resources \ Control \ Board's \ LUST \ database.$ 

Date of Government Version: 09/09/2003 Date Data Arrived at EDR: 09/10/2003 Date Made Active in Reports: 10/07/2003

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)

Telephone: 530-542-5572 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

## LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005 Date Data Arrived at EDR: 06/07/2005 Date Made Active in Reports: 06/29/2005

Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-241-7365 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

#### LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001 Date Data Arrived at EDR: 04/23/2001 Date Made Active in Reports: 05/21/2001

Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-637-5595 Last EDR Contact: 09/26/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003 Date Data Arrived at EDR: 05/19/2003 Date Made Active in Reports: 06/02/2003

Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-542-4786 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004 Date Data Arrived at EDR: 02/26/2004 Date Made Active in Reports: 03/24/2004

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Telephone: 760-776-8943 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/01/2014 Date Data Arrived at EDR: 05/01/2014 Date Made Active in Reports: 05/13/2014

Number of Days to Update: 12

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 05/01/2014

Next Scheduled EDR Contact: 06/30/2014

Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003 Date Data Arrived at EDR: 04/07/2003 Date Made Active in Reports: 04/25/2003

Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)

Telephone: 707-576-2220 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004 Date Data Arrived at EDR: 10/20/2004 Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006 Date Data Arrived at EDR: 05/18/2006 Date Made Active in Reports: 06/15/2006

Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004 Date Data Arrived at EDR: 11/18/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005 Date Data Arrived at EDR: 04/05/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-3291 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005 Date Data Arrived at EDR: 05/25/2005 Date Made Active in Reports: 06/16/2005

Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004 Date Data Arrived at EDR: 11/29/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008 Date Data Arrived at EDR: 04/03/2008 Date Made Active in Reports: 04/14/2008

Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 951-782-3298 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007 Date Data Arrived at EDR: 09/11/2007 Date Made Active in Reports: 09/28/2007

Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980 Last EDR Contact: 08/08/2011

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/20/2014 Date Data Arrived at EDR: 02/21/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 62

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011 Date Data Arrived at EDR: 09/13/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 59

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 02/21/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2013 Date Data Arrived at EDR: 11/26/2013 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 90

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 04/22/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 05/01/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 184

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/02/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 42

Source: Environmental Protection Agency Telephone: 415-972-3372 Last EDR Contact: 04/28/2014 Next Scheduled EDR Contact: 08/11/2014

Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013 Date Data Arrived at EDR: 11/07/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 29

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014 Date Data Arrived at EDR: 02/14/2014 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 10

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Varies

#### State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/17/2014 Date Data Arrived at EDR: 03/19/2014 Date Made Active in Reports: 04/25/2014

Number of Days to Update: 37

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 03/19/2014

Next Scheduled EDR Contact: 06/30/2014 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009 Date Data Arrived at EDR: 09/10/2009 Date Made Active in Reports: 10/01/2009

Number of Days to Update: 21

Source: California Environmental Protection Agency

Telephone: 916-327-5092 Last EDR Contact: 04/07/2014

Next Scheduled EDR Contact: 07/21/2014 Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 05/01/2013 Date Made Active in Reports: 01/27/2014

Number of Days to Update: 271

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/02/2014

Next Scheduled EDR Contact: 08/11/2014

Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/21/2013 Date Data Arrived at EDR: 11/26/2013 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 90

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 04/22/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/13/2014 Date Data Arrived at EDR: 02/14/2014 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 10

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/29/2014 Date Data Arrived at EDR: 01/29/2014 Date Made Active in Reports: 03/12/2014

Number of Days to Update: 42

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/20/2014 Date Data Arrived at EDR: 02/21/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 62

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013 Date Data Arrived at EDR: 08/01/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 92

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013 Date Data Arrived at EDR: 02/06/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 65

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013 Date Data Arrived at EDR: 07/30/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 129

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 04/15/2014

Next Scheduled EDR Contact: 07/28/2014 Data Release Frequency: Varies

#### State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013 Date Data Arrived at EDR: 10/01/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 66

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 04/01/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 05/05/2014 Date Data Arrived at EDR: 05/06/2014 Date Made Active in Reports: 05/19/2014

Number of Days to Update: 13

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 06/06/2014

Next Scheduled EDR Contact: 08/18/2014 Data Release Frequency: Quarterly

## ADDITIONAL ENVIRONMENTAL RECORDS

### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/20/2014 Date Data Arrived at EDR: 03/20/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 20

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/20/2014

Next Scheduled EDR Contact: 07/07/2014 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000 Date Data Arrived at EDR: 04/10/2000 Date Made Active in Reports: 05/10/2000

Number of Days to Update: 30

Source: State Water Resources Control Board

Telephone: 916-227-4448 Last EDR Contact: 05/07/2014

Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/17/2014 Date Data Arrived at EDR: 03/18/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 37

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 03/18/2014

Next Scheduled EDR Contact: 06/30/2014 Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing A listing of registered waste tire haulers.

Date of Government Version: 02/18/2014 Date Data Arrived at EDR: 02/20/2014 Date Made Active in Reports: 03/27/2014

Number of Days to Update: 35

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 05/19/2014

Next Scheduled EDR Contact: 09/01/2014 Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency Telephone: 703-308-8245

Last EDR Contact: 05/02/2014

Next Scheduled EDR Contact: 08/18/2014

Data Release Frequency: Varies

#### Local Lists of Hazardous waste / Contaminated Sites

#### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013 Date Data Arrived at EDR: 12/10/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 65

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 06/04/2014

Next Scheduled EDR Contact: 09/15/2014 Data Release Frequency: Quarterly

#### HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/03/2006 Date Made Active in Reports: 08/24/2006

Number of Days to Update: 21

Source: Department of Toxic Substance Control

Telephone: 916-323-3400 Last EDR Contact: 02/23/2009

Next Scheduled EDR Contact: 05/25/2009 Data Release Frequency: No Update Planned

#### SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 05/05/2014 Date Data Arrived at EDR: 05/06/2014 Date Made Active in Reports: 05/19/2014

Number of Days to Update: 13

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 06/06/2014

Next Scheduled EDR Contact: 08/18/2014 Data Release Frequency: Quarterly

#### TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995 Date Data Arrived at EDR: 08/30/1995 Date Made Active in Reports: 09/26/1995

Number of Days to Update: 27

Source: State Water Resources Control Board

Telephone: 916-227-4364 Last EDR Contact: 01/26/2009

Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

### CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 02/28/2014 Date Made Active in Reports: 03/20/2014

Number of Days to Update: 20

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 04/10/2014

Next Scheduled EDR Contact: 07/28/2014

Data Release Frequency: Varies

#### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 06/04/2014

Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: No Update Planned

## Local Lists of Registered Storage Tanks

#### CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994 Date Data Arrived at EDR: 09/05/1995 Date Made Active in Reports: 09/29/1995

Number of Days to Update: 24

Source: California Environmental Protection Agency

Telephone: 916-341-5851 Last EDR Contact: 12/28/1998 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

#### UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009 Date Data Arrived at EDR: 09/23/2009 Date Made Active in Reports: 10/01/2009

Number of Days to Update: 8

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 06/02/2014

Next Scheduled EDR Contact: 09/15/2014 Data Release Frequency: Annually

### HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990 Date Data Arrived at EDR: 01/25/1991 Date Made Active in Reports: 02/12/1991

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-341-5851 Last EDR Contact: 07/26/2001 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

#### SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994 Date Data Arrived at EDR: 07/07/2005 Date Made Active in Reports: 08/11/2005

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: N/A

Last EDR Contact: 06/03/2005 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

#### Local Land Records

## LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014 Date Data Arrived at EDR: 03/18/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 37

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/05/2014 Date Data Arrived at EDR: 05/06/2014 Date Made Active in Reports: 05/19/2014

Number of Days to Update: 13

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 03/10/2014

Next Scheduled EDR Contact: 06/23/2014 Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/10/2014
Date Data Arrived at EDR: 03/11/2014
Date Made Active in Reports: 04/10/2014

Number of Days to Update: 30

Source: DTSC and SWRCB Telephone: 916-323-3400 Last EDR Contact: 03/11/2014

Next Scheduled EDR Contact: 06/23/2014 Data Release Frequency: Semi-Annually

### Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 01/03/2014 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 52

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 04/01/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 02/04/2014 Date Data Arrived at EDR: 04/29/2014 Date Made Active in Reports: 05/09/2014

Number of Days to Update: 10

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 04/29/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management

Date of Government Version: 05/01/2014 Date Data Arrived at EDR: 05/01/2014 Date Made Active in Reports: 05/13/2014

Number of Days to Update: 12

Source: State Water Qualilty Control Board

Telephone: 866-480-1028 Last EDR Contact: 05/01/2014

Next Scheduled EDR Contact: 06/30/2014 Data Release Frequency: Quarterly

#### MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 05/01/2014 Date Data Arrived at EDR: 05/01/2014 Date Made Active in Reports: 05/13/2014

Number of Days to Update: 12

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 05/01/2014

Next Scheduled EDR Contact: 06/30/2014 Data Release Frequency: Quarterly

#### SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/22/2013

Number of Days to Update: 50

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

#### Other Ascertainable Records

#### RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/13/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Varies

### DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 05/06/2014

Next Scheduled EDR Contact: 08/18/2014 Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 04/18/2014

Next Scheduled EDR Contact: 07/28/2014 Data Release Frequency: Semi-Annually

#### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 02/28/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 55

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 06/04/2014

Next Scheduled EDR Contact: 09/22/2014 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 01/24/2014 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 03/27/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013 Date Data Arrived at EDR: 12/12/2013 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 74

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 03/11/2014

Next Scheduled EDR Contact: 06/23/2014 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/07/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 02/25/2014

Next Scheduled EDR Contact: 06/09/2014 Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013 Date Data Arrived at EDR: 09/05/2013 Date Made Active in Reports: 10/03/2013

Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 06/06/2014

Next Scheduled EDR Contact: 09/15/2014 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/31/2013 Date Made Active in Reports: 09/13/2013

Number of Days to Update: 44

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/30/2014

Next Scheduled EDR Contact: 09/08/2014 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 03/28/2014

Next Scheduled EDR Contact: 07/07/2014 Data Release Frequency: Every 4 Years

FTTS: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 05/22/2014

Next Scheduled EDR Contact: 09/08/2014 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA Telephone: 202-566-1667 Last EDR Contact: 05/22/2014

Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/29/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011 Date Data Arrived at EDR: 11/10/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 10/09/2014

Next Scheduled EDR Contact: 07/21/2014 Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013

Number of Days to Update: 107

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/18/2014

Next Scheduled EDR Contact: 07/28/2014 Data Release Frequency: Annually

#### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013 Date Data Arrived at EDR: 08/02/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 91

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 06/05/2014

Next Scheduled EDR Contact: 09/22/2014 Data Release Frequency: Quarterly

#### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/09/2014 Date Data Arrived at EDR: 01/10/2014 Date Made Active in Reports: 03/12/2014

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/09/2014

Next Scheduled EDR Contact: 07/21/2014 Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013 Date Data Arrived at EDR: 02/27/2014 Date Made Active in Reports: 03/12/2014

Number of Days to Update: 13

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 03/14/2014

Next Scheduled EDR Contact: 06/23/2014 Data Release Frequency: Quarterly

#### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

#### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013 Date Data Arrived at EDR: 12/12/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Varies

#### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 04/19/2013

Number of Days to Update: 52

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 05/30/2014

Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Biennially

## CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989 Date Data Arrived at EDR: 07/27/1994 Date Made Active in Reports: 08/02/1994

Number of Days to Update: 6

Source: Department of Health Services

Telephone: 916-255-2118 Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/19/2014 Date Data Arrived at EDR: 05/20/2014 Date Made Active in Reports: 05/28/2014

Number of Days to Update: 8

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 05/20/2014

Next Scheduled EDR Contact: 09/01/2014 Data Release Frequency: Quarterly

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 01/15/2014 Date Data Arrived at EDR: 03/18/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 37

Source: Deaprtment of Conservation

Telephone: 916-445-2408 Last EDR Contact: 03/18/2014

Next Scheduled EDR Contact: 06/30/2014 Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/31/2014 Date Data Arrived at EDR: 04/02/2014 Date Made Active in Reports: 04/29/2014

Number of Days to Update: 27

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 04/01/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001 Date Data Arrived at EDR: 01/22/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 76

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/22/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993 Date Data Arrived at EDR: 11/01/1993 Date Made Active in Reports: 11/19/1993

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 04/07/2014

Next Scheduled EDR Contact: 07/07/2014 Data Release Frequency: No Update Planned

**DRYCLEANERS: Cleaner Facilities** 

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/10/2013 Date Data Arrived at EDR: 09/11/2013 Date Made Active in Reports: 10/16/2013

Number of Days to Update: 35

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 03/10/2014

Next Scheduled EDR Contact: 06/23/2014 Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009 Date Data Arrived at EDR: 07/21/2009 Date Made Active in Reports: 08/03/2009

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 03/31/2014

Next Scheduled EDR Contact: 07/14/2014

Data Release Frequency: Varies

**ENF: Enforcement Action Listing** 

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 02/25/2014 Date Data Arrived at EDR: 02/27/2014 Date Made Active in Reports: 03/18/2014

Number of Days to Update: 19

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Varies

#### HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 07/16/2013 Date Made Active in Reports: 08/26/2013

Number of Days to Update: 41

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 04/18/2014

Next Scheduled EDR Contact: 07/28/2014 Data Release Frequency: Annually

#### EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 03/25/2014 Date Made Active in Reports: 04/28/2014

Number of Days to Update: 34

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 03/25/2014

Next Scheduled EDR Contact: 07/07/2014 Data Release Frequency: Varies

#### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/18/2014

Next Scheduled EDR Contact: 07/28/2014 Data Release Frequency: Semi-Annually

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 04/21/2014

Next Scheduled EDR Contact: 08/04/2014 Data Release Frequency: Varies

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011 Date Data Arrived at EDR: 05/18/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 05/16/2014

Next Scheduled EDR Contact: 08/25/2014 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013 Date Data Arrived at EDR: 02/14/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 04/04/2014

Next Scheduled EDR Contact: 07/21/2014 Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites

may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013 Date Data Arrived at EDR: 07/03/2013 Date Made Active in Reports: 09/13/2013

Number of Days to Update: 72

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 04/04/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007 Date Data Arrived at EDR: 06/20/2007 Date Made Active in Reports: 06/29/2007

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227 Last EDR Contact: 05/22/2014

Next Scheduled EDR Contact: 09/08/2014 Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/18/2014

Next Scheduled EDR Contact: 07/28/2014

Data Release Frequency: N/A

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/25/2014 Date Data Arrived at EDR: 02/27/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 41

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 05/16/2014

Next Scheduled EDR Contact: 09/01/2014 Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 05/02/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 03/11/2014

Next Scheduled EDR Contact: 06/23/2014 Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/21/2014 Date Data Arrived at EDR: 03/12/2014 Date Made Active in Reports: 04/14/2014

Number of Days to Update: 33

Source: Department of Public Health

Telephone: 916-558-1784 Last EDR Contact: 03/10/2014

Next Scheduled EDR Contact: 06/23/2014 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 04/18/2014

Next Scheduled EDR Contact: 07/28/2014 Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013 Date Data Arrived at EDR: 11/06/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 30

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 03/31/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/23/2013 Date Data Arrived at EDR: 11/06/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 30

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 03/31/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Annually

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/14/2014 Date Data Arrived at EDR: 04/15/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 9

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 04/15/2014

Next Scheduled EDR Contact: 07/28/2014 Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/24/2014 Date Data Arrived at EDR: 02/25/2014 Date Made Active in Reports: 03/18/2014

Number of Days to Update: 21

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/28/2014

Next Scheduled EDR Contact: 09/08/2014 Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/19/2014 Date Data Arrived at EDR: 05/20/2014 Date Made Active in Reports: 05/22/2014

Number of Days to Update: 2

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 05/19/2014

Next Scheduled EDR Contact: 09/01/2014 Data Release Frequency: Varies

PROC: Certified Processors Database A listing of certified processors.

> Date of Government Version: 03/17/2014 Date Data Arrived at EDR: 03/18/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 37

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 03/18/2014

Next Scheduled EDR Contact: 06/30/2014 Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 05/05/2014 Date Data Arrived at EDR: 05/14/2014 Date Made Active in Reports: 05/22/2014

Number of Days to Update: 8

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014

Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013 Date Data Arrived at EDR: 08/13/2013 Date Made Active in Reports: 09/13/2013

Number of Days to Update: 31

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 05/16/2014

Next Scheduled EDR Contact: 08/25/2014 Data Release Frequency: Quarterly

#### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Last EDR Contact: N/A

Number of Days to Update: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

## **EDR RECOVERED GOVERNMENT ARCHIVES**

#### Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/13/2014

Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/30/2013

Number of Days to Update: 182

Source: State Water Resources Control Board

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

#### **COUNTY RECORDS**

## ALAMEDA COUNTY:

#### Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/22/2014 Date Data Arrived at EDR: 04/24/2014 Date Made Active in Reports: 05/09/2014

Number of Days to Update: 15

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 03/31/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Semi-Annually

#### **Underground Tanks**

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/22/2014 Date Data Arrived at EDR: 04/24/2014 Date Made Active in Reports: 05/12/2014

Number of Days to Update: 18

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 03/31/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Semi-Annually

## AMADOR COUNTY:

**CUPA Facility List** 

Cupa Facility List

Date of Government Version: 03/24/2014 Date Data Arrived at EDR: 03/24/2014 Date Made Active in Reports: 04/30/2014

Number of Days to Update: 37

Source: Amador County Environmental Health

Telephone: 209-223-6439 Last EDR Contact: 03/24/2014

Next Scheduled EDR Contact: 06/23/2014

Data Release Frequency: Varies

#### **BUTTE COUNTY:**

**CUPA Facility Listing** Cupa facility list.

> Date of Government Version: 08/01/2013 Date Data Arrived at EDR: 08/02/2013 Date Made Active in Reports: 08/22/2013

Number of Days to Update: 20

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 04/10/2014

Next Scheduled EDR Contact: 07/28/2014 Data Release Frequency: No Update Planned

#### CALVERAS COUNTY:

**CUPA Facility Listing** 

Cupa Facility Listing

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 04/03/2014 Date Made Active in Reports: 04/29/2014

Number of Days to Update: 26

Source: Calveras County Environmental Health

Telephone: 209-754-6399 Last EDR Contact: 03/31/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Quarterly

#### **COLUSA COUNTY:**

**CUPA Facility List** Cupa facility list.

> Date of Government Version: 12/05/2013 Date Data Arrived at EDR: 12/05/2013

> Date Made Active in Reports: 01/27/2014

Number of Days to Update: 53

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 05/30/2014

Next Scheduled EDR Contact: 08/25/2014 Data Release Frequency: Varies

## CONTRA COSTA COUNTY:

### Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/24/2014 Date Data Arrived at EDR: 02/25/2014 Date Made Active in Reports: 03/18/2014

Number of Days to Update: 21

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 05/05/2014

Next Scheduled EDR Contact: 08/18/2014 Data Release Frequency: Semi-Annually

## **DEL NORTE COUNTY:**

**CUPA Facility List** 

Cupa Facility list

Date of Government Version: 05/05/2014 Date Data Arrived at EDR: 05/06/2014 Date Made Active in Reports: 05/13/2014

Number of Days to Update: 7

Source: Del Norte County Environmental Health Division

Telephone: 707-465-0426 Last EDR Contact: 05/05/2014

Next Scheduled EDR Contact: 08/18/2014

Data Release Frequency: Varies

#### EL DORADO COUNTY:

**CUPA Facility List** 

CUPA facility list.

Date of Government Version: 02/20/2014 Date Data Arrived at EDR: 02/21/2014 Date Made Active in Reports: 03/20/2014

Number of Days to Update: 27

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 05/05/2014

Next Scheduled EDR Contact: 08/18/2014

Data Release Frequency: Varies

#### FRESNO COUNTY:

#### **CUPA Resources List**

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/31/2014 Date Data Arrived at EDR: 04/15/2014 Date Made Active in Reports: 05/01/2014

Number of Days to Update: 16

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 04/14/2014

Next Scheduled EDR Contact: 07/28/2014 Data Release Frequency: Semi-Annually

## HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/20/2014 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 04/28/2014

Number of Days to Update: 38

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 05/22/2014

Next Scheduled EDR Contact: 09/08/2014

Data Release Frequency: Varies

## IMPERIAL COUNTY:

**CUPA Facility List** 

Cupa facility list.

Date of Government Version: 04/28/2014 Date Data Arrived at EDR: 04/30/2014 Date Made Active in Reports: 05/13/2014

Number of Days to Update: 13

Source: San Diego Border Field Office

Telephone: 760-339-2777 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014

Data Release Frequency: Varies

## INYO COUNTY:

**CUPA Facility List** 

Cupa facility list.

Date of Government Version: 09/10/2013 Date Data Arrived at EDR: 09/11/2013 Date Made Active in Reports: 10/14/2013

Number of Days to Update: 33

Source: Inyo County Environmental Health Services

Telephone: 760-878-0238 Last EDR Contact: 05/22/2014

Next Scheduled EDR Contact: 09/08/2014

Data Release Frequency: Varies

#### KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010 Date Data Arrived at EDR: 09/01/2010 Date Made Active in Reports: 09/30/2010

Number of Days to Update: 29

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 05/12/2014

Next Scheduled EDR Contact: 08/25/2014 Data Release Frequency: Quarterly

#### KINGS COUNTY:

#### **CUPA Facility List**

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/25/2014 Date Data Arrived at EDR: 02/27/2014 Date Made Active in Reports: 03/20/2014

Number of Days to Update: 21

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 05/27/2014

Next Scheduled EDR Contact: 09/08/2014 Data Release Frequency: Varies

## LAKE COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 04/22/2014 Date Data Arrived at EDR: 04/24/2014 Date Made Active in Reports: 05/13/2014

Number of Days to Update: 19

Source: Lake County Environmental Health

Telephone: 707-263-1164 Last EDR Contact: 04/21/2014

Next Scheduled EDR Contact: 08/04/2014 Data Release Frequency: Varies

#### LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 10/23/2009

Number of Days to Update: 206

Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 03/24/2014

Next Scheduled EDR Contact: 07/07/2014 Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 12/06/2013 Date Data Arrived at EDR: 01/28/2014 Date Made Active in Reports: 03/17/2014

Number of Days to Update: 48

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 04/02/2014

Next Scheduled EDR Contact: 07/28/2014 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/21/2014 Date Data Arrived at EDR: 04/22/2014 Date Made Active in Reports: 05/19/2014

Number of Days to Update: 27

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 04/22/2014

Next Scheduled EDR Contact: 08/04/2014

Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009 Date Data Arrived at EDR: 03/10/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 29

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 04/17/2014

Next Scheduled EDR Contact: 08/04/2014

Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/2014 Date Data Arrived at EDR: 02/25/2014 Date Made Active in Reports: 03/25/2014

Number of Days to Update: 28

Source: Community Health Services

Telephone: 323-890-7806 Last EDR Contact: 04/17/2014

Next Scheduled EDR Contact: 08/04/2014 Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 04/23/2014 Date Data Arrived at EDR: 04/25/2014 Date Made Active in Reports: 05/22/2014

Number of Days to Update: 27

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 04/21/2014

Next Scheduled EDR Contact: 08/04/2014 Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 02/25/2014 Date Data Arrived at EDR: 02/27/2014 Date Made Active in Reports: 04/14/2014

Number of Days to Update: 46

Source: City of Long Beach Fire Department

Telephone: 562-570-2563 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/13/2014 Date Data Arrived at EDR: 03/27/2014 Date Made Active in Reports: 04/28/2014

Number of Days to Update: 32

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 04/14/2014

Next Scheduled EDR Contact: 07/28/2014 Data Release Frequency: Semi-Annually

MADERA COUNTY:

#### **CUPA Facility List**

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 03/26/2014 Date Data Arrived at EDR: 03/27/2014 Date Made Active in Reports: 04/29/2014

Number of Days to Update: 33

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 05/02/2014

Next Scheduled EDR Contact: 09/08/2014 Data Release Frequency: Varies

#### MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/03/2014 Date Data Arrived at EDR: 01/09/2014 Date Made Active in Reports: 02/12/2014

Number of Days to Update: 34

Source: Public Works Department Waste Management

Telephone: 415-499-6647 Last EDR Contact: 04/07/2014

Next Scheduled EDR Contact: 07/21/2014 Data Release Frequency: Semi-Annually

#### MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/10/2014 Date Data Arrived at EDR: 03/11/2014 Date Made Active in Reports: 04/10/2014

Number of Days to Update: 30

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 05/27/2014

Next Scheduled EDR Contact: 09/08/2014 Data Release Frequency: Varies

## MONO COUNTY:

CUPA Facility List CUPA Facility List

> Date of Government Version: 03/03/2014 Date Data Arrived at EDR: 03/04/2014 Date Made Active in Reports: 04/01/2014

Number of Days to Update: 28

Source: Mono County Health Department

Telephone: 760-932-5580 Last EDR Contact: 06/02/2014

Next Scheduled EDR Contact: 09/15/2014 Data Release Frequency: Varies

#### MONTEREY COUNTY:

**CUPA Facility Listing** 

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/18/2014 Date Data Arrived at EDR: 03/20/2014 Date Made Active in Reports: 04/25/2014

Number of Days to Update: 36

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 05/22/2014

Next Scheduled EDR Contact: 09/08/2014

Data Release Frequency: Varies

#### NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011 Date Data Arrived at EDR: 12/06/2011 Date Made Active in Reports: 02/07/2012

Number of Days to Update: 63

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 05/30/2014

Next Scheduled EDR Contact: 09/15/2014 Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008 Date Data Arrived at EDR: 01/16/2008 Date Made Active in Reports: 02/08/2008

Number of Days to Update: 23

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 05/30/2014

Next Scheduled EDR Contact: 09/15/2014 Data Release Frequency: No Update Planned

**NEVADA COUNTY:** 

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/06/2013 Date Data Arrived at EDR: 11/07/2013 Date Made Active in Reports: 12/04/2013

Number of Days to Update: 27

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 05/13/2014

Next Scheduled EDR Contact: 08/18/2014 Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2014 Date Data Arrived at EDR: 05/15/2014 Date Made Active in Reports: 05/22/2014

Number of Days to Update: 7

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/07/2014

Next Scheduled EDR Contact: 08/28/2014 Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2014 Date Data Arrived at EDR: 05/15/2014 Date Made Active in Reports: 05/28/2014

Number of Days to Update: 13

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/07/2014

Next Scheduled EDR Contact: 08/25/2014 Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2014 Date Data Arrived at EDR: 05/14/2014 Date Made Active in Reports: 05/21/2014

Number of Days to Update: 7

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/07/2014

Next Scheduled EDR Contact: 08/25/2014 Data Release Frequency: Quarterly

PLACER COUNTY:

#### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/10/2014 Date Data Arrived at EDR: 03/11/2014 Date Made Active in Reports: 04/10/2014

Number of Days to Update: 30

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 03/10/2014

Next Scheduled EDR Contact: 06/23/2014 Data Release Frequency: Semi-Annually

#### RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/15/2014 Date Data Arrived at EDR: 04/17/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 7

Source: Department of Environmental Health Telephone: 951-358-5055

Last EDR Contact: 03/02/2014

Next Scheduled EDR Contact: 07/07/2014 Data Release Frequency: Quarterly

#### Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/15/2014 Date Data Arrived at EDR: 04/17/2014 Date Made Active in Reports: 05/09/2014

Number of Days to Update: 22

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 03/24/2014

Next Scheduled EDR Contact: 07/07/2014 Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

#### Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/06/2014 Date Data Arrived at EDR: 04/08/2014 Date Made Active in Reports: 04/29/2014

Number of Days to Update: 21

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 04/04/2014

Next Scheduled EDR Contact: 07/21/2014 Data Release Frequency: Quarterly

## Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/06/2014 Date Data Arrived at EDR: 04/08/2014 Date Made Active in Reports: 04/29/2014

Number of Days to Update: 21

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 04/04/2014

Next Scheduled EDR Contact: 07/21/2014 Data Release Frequency: Quarterly

#### SAN BERNARDINO COUNTY:

#### **Hazardous Material Permits**

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 03/18/2014 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 04/25/2014

Number of Days to Update: 35

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 05/12/2014

Next Scheduled EDR Contact: 08/25/2014 Data Release Frequency: Quarterly

#### SAN DIEGO COUNTY:

#### Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013 Date Data Arrived at EDR: 09/24/2013 Date Made Active in Reports: 10/17/2013

Number of Days to Update: 23

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 03/10/2014

Next Scheduled EDR Contact: 06/23/2014 Data Release Frequency: Quarterly

#### Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2013 Date Data Arrived at EDR: 11/19/2013 Date Made Active in Reports: 12/31/2013

Number of Days to Update: 42

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Varies

## **Environmental Case Listing**

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010 Date Data Arrived at EDR: 06/15/2010 Date Made Active in Reports: 07/09/2010

Number of Days to Update: 24

Source: San Diego County Department of Environmental Health

Telephone: 619-338-2371 Last EDR Contact: 06/04/2014

Next Scheduled EDR Contact: 09/22/2014 Data Release Frequency: No Update Planned

#### SAN FRANCISCO COUNTY:

#### **Local Oversite Facilities**

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 09/29/2008

Number of Days to Update: 10

Source: Department Of Public Health San Francisco County

Telephone: 415-252-3920 Last EDR Contact: 05/09/2014

Next Scheduled EDR Contact: 08/25/2014 Data Release Frequency: Quarterly

## Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010 Date Data Arrived at EDR: 03/10/2011 Date Made Active in Reports: 03/15/2011

Number of Days to Update: 5

Source: Department of Public Health Telephone: 415-252-3920 Last EDR Contact: 05/09/2014

Next Scheduled EDR Contact: 08/25/2014 Data Release Frequency: Quarterly

#### SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 04/10/2014 Date Data Arrived at EDR: 04/11/2014 Date Made Active in Reports: 04/29/2014

Number of Days to Update: 18

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 04/07/2014

Next Scheduled EDR Contact: 07/07/2014 Data Release Frequency: Semi-Annually

#### SAN LUIS OBISPO COUNTY:

**CUPA Facility List** 

Cupa Facility List.

Date of Government Version: 02/24/2014 Date Data Arrived at EDR: 02/26/2014 Date Made Active in Reports: 03/26/2014

Number of Days to Update: 28

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 05/27/2014

Next Scheduled EDR Contact: 09/08/2014

Data Release Frequency: Varies

#### SAN MATEO COUNTY:

#### **Business Inventory**

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/03/2014 Date Data Arrived at EDR: 04/04/2014 Date Made Active in Reports: 05/01/2014

Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 03/17/2014

Next Scheduled EDR Contact: 06/30/2014 Data Release Frequency: Annually

#### Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/17/2014 Date Data Arrived at EDR: 03/18/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 37

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 03/17/2014

Next Scheduled EDR Contact: 06/30/2014 Data Release Frequency: Semi-Annually

### SANTA BARBARA COUNTY:

#### **CUPA Facility Listing**

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 05/22/2014

Next Scheduled EDR Contact: 09/08/2014 Data Release Frequency: Varies

## SANTA CLARA COUNTY:

Cupa Facility List Cupa facility list

Date of Government Version: 03/04/2014 Date Data Arrived at EDR: 03/06/2014 Date Made Active in Reports: 03/20/2014

Number of Days to Update: 14

Source: Department of Environmental Health

Telephone: 408-918-1973 Last EDR Contact: 06/02/2014

Next Scheduled EDR Contact: 09/15/2014 Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005 Date Data Arrived at EDR: 03/30/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009

Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014 Date Data Arrived at EDR: 03/05/2014 Date Made Active in Reports: 03/18/2014

Number of Days to Update: 13

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 06/02/2014

Next Scheduled EDR Contact: 09/15/2014 Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/12/2014 Date Data Arrived at EDR: 05/19/2014 Date Made Active in Reports: 05/28/2014

Number of Days to Update: 9

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 05/12/2014

Next Scheduled EDR Contact: 08/25/2014 Data Release Frequency: Annually

SANTA CRUZ COUNTY:

**CUPA Facility List** 

CUPA facility listing.

Date of Government Version: 02/24/2014 Date Data Arrived at EDR: 02/25/2014 Date Made Active in Reports: 03/20/2014

Number of Days to Update: 23

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 05/27/2014

Next Scheduled EDR Contact: 09/08/2014

Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 03/17/2014 Date Data Arrived at EDR: 03/18/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 37

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 05/22/2014

Next Scheduled EDR Contact: 09/08/2014

Data Release Frequency: Varies

SOLANO COUNTY:

#### Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 04/25/2014 Date Data Arrived at EDR: 04/01/2014 Date Made Active in Reports: 04/28/2014

Number of Days to Update: 27

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 03/17/2014

Next Scheduled EDR Contact: 06/30/2014 Data Release Frequency: Quarterly

#### **Underground Storage Tanks**

Underground storage tank sites located in Solano county.

Date of Government Version: 03/25/2014 Date Data Arrived at EDR: 04/01/2014 Date Made Active in Reports: 05/05/2014

Number of Days to Update: 34

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 03/17/2014

Next Scheduled EDR Contact: 06/30/2014 Data Release Frequency: Quarterly

#### SONOMA COUNTY:

#### Cupa Facility List

Cupa Facility list

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 01/02/2014 Date Made Active in Reports: 02/11/2014

Number of Days to Update: 40

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174 Last EDR Contact: 03/31/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Varies

### Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 04/03/2014 Date Made Active in Reports: 04/28/2014

Number of Days to Update: 25

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 03/31/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Quarterly

### SUTTER COUNTY:

## Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/24/2014 Date Data Arrived at EDR: 03/24/2014 Date Made Active in Reports: 04/28/2014

Number of Days to Update: 35

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 03/24/2014

Next Scheduled EDR Contact: 06/23/2014 Data Release Frequency: Semi-Annually

#### TUOLUMNE COUNTY:

## **CUPA Facility List**

Cupa facility list

Date of Government Version: 01/27/2014 Date Data Arrived at EDR: 01/28/2014 Date Made Active in Reports: 03/17/2014

Number of Days to Update: 48

Source: Divison of Environmental Health

Telephone: 209-533-5633 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Varies

### **VENTURA COUNTY:**

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 04/28/2014 Date Data Arrived at EDR: 05/20/2014 Date Made Active in Reports: 05/27/2014

Number of Days to Update: 7

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 05/16/2014

Next Scheduled EDR Contact: 09/01/2014 Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011 Date Data Arrived at EDR: 12/01/2011 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 49

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 04/04/2014

Next Scheduled EDR Contact: 07/21/2014 Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008 Date Data Arrived at EDR: 06/24/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 37

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 05/16/2014

Next Scheduled EDR Contact: 09/01/2014 Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 04/28/2014 Date Data Arrived at EDR: 04/30/2014 Date Made Active in Reports: 05/19/2014

Number of Days to Update: 19

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 03/06/2014 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 04/28/2014

Number of Days to Update: 38

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 03/17/2014

Next Scheduled EDR Contact: 06/30/2014 Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 04/08/2014 Date Made Active in Reports: 05/05/2014

Number of Days to Update: 27

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 03/24/2014

Next Scheduled EDR Contact: 07/07/2014 Data Release Frequency: Annually

YUBA COUNTY:

**CUPA Facility List** 

CUPA facility listing for Yuba County.

Date of Government Version: 02/11/2014 Date Data Arrived at EDR: 02/13/2014 Date Made Active in Reports: 03/17/2014

Number of Days to Update: 32

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 05/19/2014

Next Scheduled EDR Contact: 08/18/2014

Data Release Frequency: Varies

#### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013 Date Data Arrived at EDR: 08/19/2013 Date Made Active in Reports: 10/03/2013

Number of Days to Update: 45

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/23/2014

Next Scheduled EDR Contact: 09/01/2014 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 08/28/2012

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/18/2014

Next Scheduled EDR Contact: 07/28/2014 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 02/28/2014 Date Data Arrived at EDR: 03/12/2014 Date Made Active in Reports: 04/29/2014

Number of Days to Update: 48

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/07/2014

Next Scheduled EDR Contact: 08/18/2014 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 07/24/2013 Date Made Active in Reports: 08/19/2013

Number of Days to Update: 26

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/21/2014

Next Scheduled EDR Contact: 08/04/2014 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 06/21/2013 Date Made Active in Reports: 08/05/2013

Number of Days to Update: 45

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/27/2014

Next Scheduled EDR Contact: 09/08/2014 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 08/09/2013 Date Made Active in Reports: 09/27/2013

Number of Days to Update: 49

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/17/2014

Next Scheduled EDR Contact: 06/30/2014 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

#### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

#### **Nursing Homes**

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### **Public Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## STREET AND ADDRESS INFORMATION

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# **GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM**

#### **TARGET PROPERTY ADDRESS**

RIVERSIDE FREE METHODIST CHURCH 8431 DIANA AVENUE RIVERSIDE, CA 92504

## TARGET PROPERTY COORDINATES

Latitude (North): 33.9269 - 33° 55' 36.84" Longitude (West): 117.4224 - 117° 25' 20.64"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 460957.9 UTM Y (Meters): 3753937.0

Elevation: 823 ft. above sea level

## **USGS TOPOGRAPHIC MAP**

Target Property Map: 33117-H4 RIVERSIDE WEST, CA

Most Recent Revision: 1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

## **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

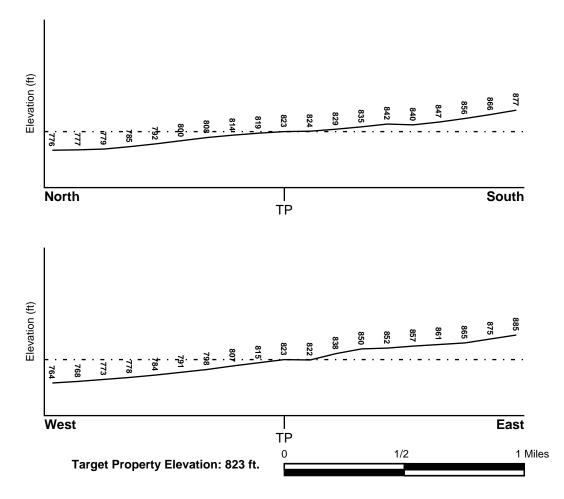
## **TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE** 

FEMA Flood Electronic Data

Target Property County RIVERSIDE, CA

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

06065C - FEMA DFIRM Flood data

Additional Panels in search area:

Not Reported

**NATIONAL WETLAND INVENTORY** 

NWI Electronic

**NWI Quad at Target Property** 

Data Coverage

NOT AVAILABLE

YES - refer to the Overview Map and Detail Map

## **HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## Site-Specific Hydrogeological Data\*:

Search Radius: 1.25 miles Status: Not found

### **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 On the control of the control o

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

## **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

## GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

#### **GEOLOGIC AGE IDENTIFICATION**

Era: Mesozoic Category: Plutonic and Intrusive Rocks

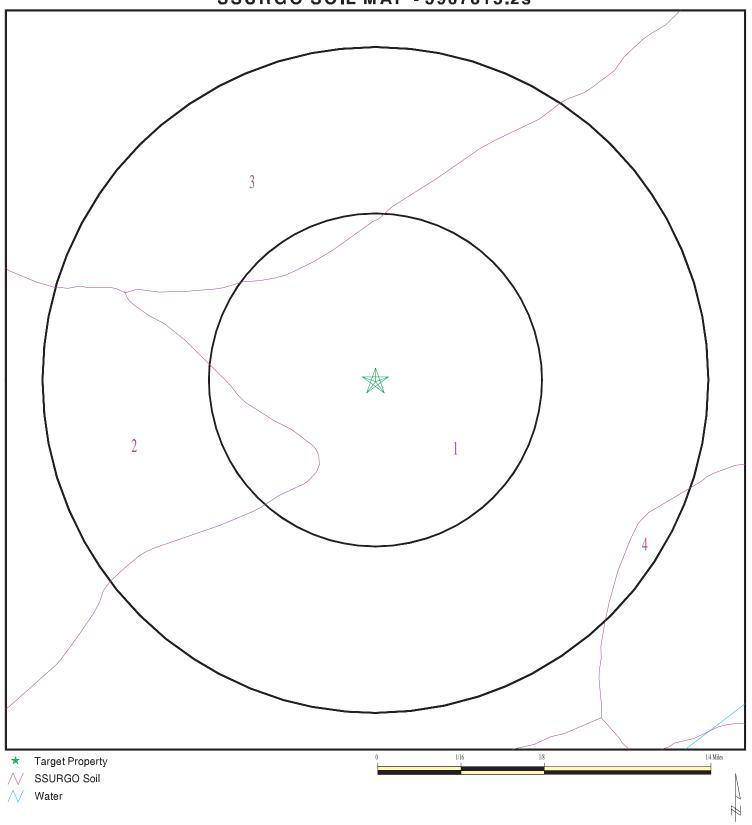
System: Cretaceous

Series: Cretaceous granitic rocks

Code: Kg (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# **SSURGO SOIL MAP - 3967815.2s**



SITE NAME: Riverside Free Methodist Church ADDRESS: 8431 Diana Avenue

Riverside CA 92504 33.9269 / 117.4224 LAT/LONG:

CLIENT: Converse Consult Inland Empire
CONTACT: Steve Weatherton
INQUIRY#: 3967815.2s
DATE: June 09, 2014 8:07 pm

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: ARLINGTON

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

			Soil Laye	r Information			
	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	11 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	11 inches	50 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.8 Min: 6.1
3	50 inches	59 inches	cemented	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: Min:

	Soil Layer Information								
	Boundary			Classification		Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity			
4	59 inches	70 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6		

### Soil Map ID: 2

Soil Component Name: HANFORD

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class A	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6

	Soil Layer Information									
	Bou	ndary		Classification		Saturated hydraulic				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		0011 1104011011			
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6			

Soil Map ID: 3

Soil Component Name: **HANFORD** 

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches Depth to Watertable Min: > 0 inches

	Воц	ındary		Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Ooii itoaotioii
1	0 inches	7 inches	coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6

			Soil Layer	Information			
	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

### Soil Map ID: 4

Soil Component Name: **HANFORD** 

Soil Surface Texture: coarse sandy loam

Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse Hydrologic Group:

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches Depth to Watertable Min: > 0 inches

	Воц	ındary		Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Ooii itoaotioii
1	0 inches	7 inches	coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6

	Soil Layer Information									
	Boundary			Classification		Saturated hydraulic				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec				
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6			

### **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### W

ELL SEARCH DISTA	NCE INFORMATION	
DATABASE	SEARCH DISTANCE (miles)	

Nearest PWS within 1 mile Federal FRDS PWS

1.000

State Database 1.000

FEDERAL USGS WELL INFORMATION

LOCATION MAP ID FROM TP WELL ID

No Wells Found

Federal USGS

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

**LOCATION** MAP ID WELL ID FROM TP

No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

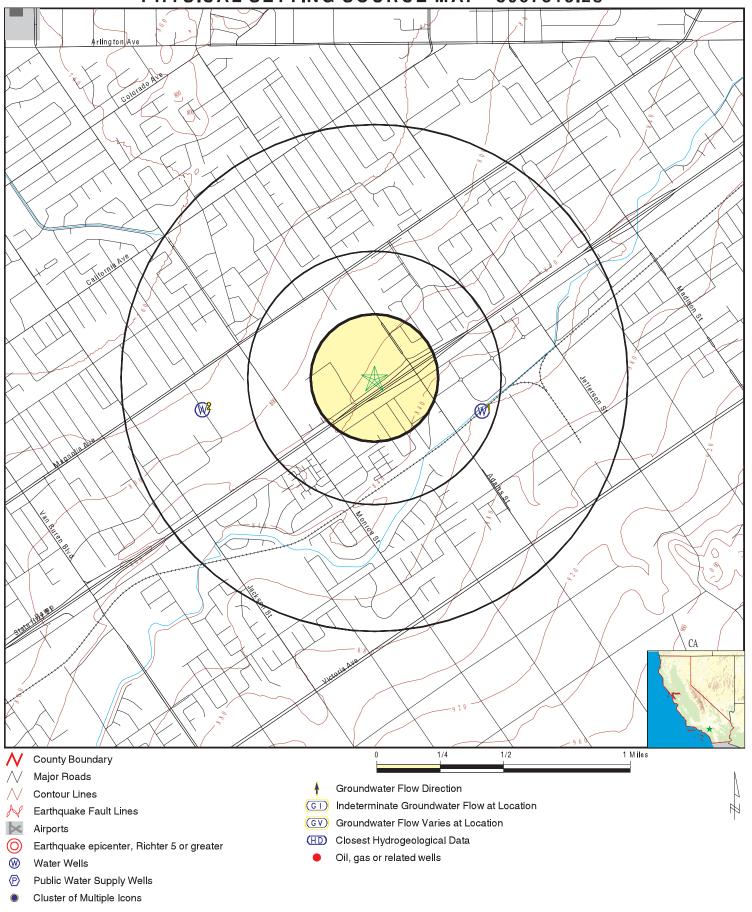
**LOCATION** MAP ID WELL ID FROM TP

# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1 2	CADW50000003781 CADW50000003782	1/4 - 1/2 Mile ESE 1/2 - 1 Mile West

## PHYSICAL SETTING SOURCE MAP - 3967815.2s



SITE NAME: Riverside Free Methodist Church

ADDRESS: 8431 Diana Avenue

Riverside CA 92504 LAT/LONG: 33.9269 / 117.4224

CLIENT: Converse Consult CONTACT: Steve Weatherton Converse Consult Inland Empire

INQUIRY#: 3967815.2s DATE: June 09, 2014 8:07 pm

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### **GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance

Elevation EDR ID Number Database

ESE **CA WELLS** CADW50000003781 1/4 - 1/2 Mile

Higher

Latitude: 33.925 Longitude: 117.415

Site code: 339250N1174150W001 03S05W09E001S Casgem sta: Local well: Lincoln Heights Casgem s 1: Observation

County id: 33 Basin cd:

8-2.03 Basin desc: Riverside-Arlington CADW50000003781 Org unit n: Southern Region Office Site id:

2 West 1/2 - 1 Mile CADW50000003782 **CA WELLS** 

Lower

Latitude: 33.925072 Longitude: 117.434217

Site code: 339251N1174342W001 03S05W08E002S Casgem sta: Local well: Casgem s 1: Sherman High Observation

County id: 33

Basin cd: 8-2.03 Basin desc: Riverside-Arlington CADW50000003782 Org unit n: Southern Region Office Site id:

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
	<del></del>	
92504	20	1

Federal EPA Radon Zone for RIVERSIDE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 92504

Number of sites tested: 1

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L 0.500 pCi/L Living Area - 1st Floor 100% 0% 0% Living Area - 2nd Floor Not Reported Not Reported Not Reported Not Reported Not Reported Basement Not Reported Not Reported Not Reported

### PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map. USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

### PHYSICAL SETTING SOURCE RECORDS SEARCHED

### LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

### OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208 Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

### PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

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# **APPENDIX F**

# NOISE IMPACT ANALYSIS

# RIVERSIDE FREE METHODIST CHURCH DEMOLITION PROJECT CITY OF RIVERSIDE RIVERSIDE COUNTY, CALIFORNIA



# NOISE IMPACT ANALYSIS

# RIVERSIDE FREE METHODIST CHURCH DEMOLITION PROJECT CITY OF RIVERSIDE RIVERSIDE COUNTY, CALIFORNIA

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### INTRODUCTION

This noise impact analysis has been prepared to evaluate the potential noise impacts and mitigation measures associated with the proposed Riverside Free Methodist Church Demolition Project (project) in the City of Riverside (City), California. This report is intended to satisfy the City's requirement for a project-specific noise impact analysis by examining the impacts of the proposed actions on adjacent noise-sensitive uses, and evaluating the mitigation measures required as part of the project design.

### **Project Description**

The proposed project is the demolition by California Baptist University (CBU) of the existing Riverside Free Methodist Church complex located at 8431 Diana Avenue in the City of Riverside, in western Riverside County, California. Figure 1 depicts the project vicinity and regional location.

The proposed project site consists of 3.14 acres and is developed as a church facility with a 3,942-square foot (sf) sanctuary and 2,340 sf fellowship hall constructed in 1963–64 and a 3,360 sf education building constructed in 1979. The site contains improvements consisting of a paved parking lot, concrete walkways, ornamental landscaping, a tot lot, and undeveloped area. The project site is further identified by Assessor's Parcel Number (APN) 231-070-007 and U.S. Geological Survey (USGS) Map, *Riverside, California* quadrangle, Township 3 South, Range 5 West, portions of Sections 5 and 8 of San Bernardino Baseline and Meridian (SBBM). Figure 2 illustrates the structures currently on site.

### METHODOLOGY RELATED TO NOISE IMPACT ASSESSMENT

Evaluation of noise impacts associated with the proposed project includes the following:

Determination of the short-term construction noise impacts on off-site noise-sensitive uses; and Determination of the required mitigation measures to reduce significant off-site noise and vibration impacts.

### **Characteristics of Sound**

Noise is usually defined as unwanted sound. Noise consists of any sound that may produce physiological or psychological damage and/or interfere with communication, work, rest, recreation, or sleep.

To the human ear, sound has two significant characteristics: pitch and loudness. Pitch is generally an annoyance, while loudness can affect our ability to hear. Pitch is the number of complete vibrations, or cycles per second, of a wave resulting in the tone's range from high to low. Loudness is the strength of a sound that describes a noisy or quiet environment and is measured by the amplitude of the sound wave. Loudness is determined by the intensity of the sound waves, combined with the reception characteristics of the human ear. Sound intensity refers to how hard the sound wave strikes an object, which in turn produces the sound's effect. This characteristic of sound can be measured precisely with instruments. The analysis of a project defines the noise environment of the project area in terms of sound intensity and the project's effect on adjacent sensitive land uses.

Figure 1: Project Location Map

Figure 2: Current On-Site Structures

#### Measurement of Sound

Sound intensity is measured through the A-weighted scale to correct for the relative frequency response of the human ear. That is, an A-weighted noise level de-emphasizes low and very high frequencies of sound similar to the human ear's de-emphasis of these frequencies. Unlike linear units, such as inches or pounds, decibels are measured on a logarithmic scale representing points on a sharply rising curve.

For example, 10 decibels (dB) are 10 times more intense than 1 dB; 20 dB are 100 times more intense; and 30 dB are 1,000 times more intense. Thirty decibels (30 dB) represent 1,000 times as much acoustic energy as 1 dB. The decibel scale increases as the square of the change, representing the sound pressure energy. A sound as soft as human breathing is about 10 times greater than 0 dB. The decibel system of measuring sound gives a rough connection between the physical intensity of sound and its perceived loudness to the human ear. A 10 dB increase in sound level is perceived by the human ear as only a doubling of the loudness of the sound. Ambient sounds generally range from 30 A-weighted decibels (dBA) (very quiet) to 100 dBA (very loud).

Sound levels are generated from a source, and their decibel level decreases as the distance from that source increases. Sound dissipates exponentially with distance from the noise source. For a single point source, sound levels decrease approximately 6 dBA for each doubling of distance from the source. This drop-off rate is appropriate for noise generated by stationary equipment. If noise is produced by a line source, such as highway traffic or railroad operations, the sound decreases 3 dBA for each doubling of distance in a hard site environment. Line source, noise in a relatively flat environment with absorptive vegetation, decreases 4.5 dBA for each doubling of distance.

There are many ways to rate noise for various time periods, but an appropriate rating of ambient noise affecting humans also accounts for the annoying effects of sound. Equivalent continuous sound level ( $L_{eq}$ ) is the total sound energy of time varying noise over a sample period. However, the predominant rating scales for human communities in the State of California are the  $L_{eq}$  and Community Noise Equivalent Level (CNEL) or the day-night average level ( $L_{dn}$ ) based on dBA. CNEL is the time varying noise over a 24-hour period, with a 5 dBA weighting factor applied to the hourly  $L_{eq}$  for noises occurring from 7:00 p.m. to 10:00 p.m. (defined as relaxation hours) and a 10 dBA weighting factor applied to noise occurring from 10:00 p.m. to 7:00 a.m. (defined as sleeping hours).  $L_{dn}$  is similar to the CNEL scale, but without the adjustment for events occurring during the evening hours. CNEL and  $L_{dn}$  are within 1 dBA of each other and are normally exchangeable. The City uses the CNEL noise scale for long-term noise impact assessment.

Other noise rating scales of importance when assessing the annoyance factor include the maximum noise level ( $L_{max}$ ), which is the highest exponential time averaged sound level that occurs during a stated time period. The noise environments discussed in this analysis for short-term noise impacts are specified in terms of maximum levels denoted by  $L_{max}$ , which reflects peak operating conditions and addresses the annoying aspects of intermittent noise. It is often used together with another noise scale, or noise standards in terms of percentile noise levels, in noise ordinances for enforcement purposes. For example, the  $L_{10}$  noise level represents the noise level exceeded 10 percent of the time during a stated period. The  $L_{50}$  noise level represents the median noise level. Half the time the noise level exceeds this level, and half the time it is less than this level. The  $L_{90}$  noise level represents the noise level exceeded 90 percent of the time and is considered the background noise level during a monitoring period. For a relatively constant noise source, the  $L_{eq}$  and  $L_{50}$  are approximately the same.

Noise impacts can be described in three categories. The first category includes audible impacts that refer to increases in noise levels noticeable to humans. Audible increases in noise levels generally refer to a change of 3.0 dB or greater since this level has been found to be barely perceptible in exterior environments. The second category, potentially audible, refers to a change in the noise level between 1.0 and 3.0 dB. This range of noise levels has been found to be noticeable only in laboratory environments. The last category includes changes in noise level of less than 1.0 dB, which are inaudible to the human ear. Only audible changes in existing ambient or background noise levels are considered potentially significant.

### Physiological Effects of Noise

Physical damage to human hearing begins at prolonged exposure (typically more than 8 hours, as defined by the Occupational Safety and Health Administration [OSHA]) to noise levels higher than 85 dBA. Exposure to high noise levels affects our entire system, with prolonged noise exposure in excess of 75 dBA increasing body tensions, thereby affecting blood pressure and functions of the heart and the nervous system. In comparison, extended periods of noise exposure above 90 dBA would result in permanent cell damage. When the noise level reaches 120 dB, a tickling sensation occurs in the human ear even with short-term exposure. This level of noise is called the threshold of feeling. As the sound reaches 140 dB, the tickling sensation is replaced by the feeling of pain in the ear. This is called the threshold of pain. A sound level of 160 to 165 dB will result in dizziness or loss of equilibrium. The ambient or background noise problem is widespread and generally more concentrated in urban areas than in outlying less developed areas.

Table A lists "Definitions of Acoustical Terms," and Table B displays "Common Sound Levels and Their Noise Sources." Table C shows "Land Use Compatibility for Exterior Community Noise" from the City's General Plan and Supporting Documents Environmental Impact Report (EIR) (City of Riverside, certified November 2007).

### Vibration

Vibration energy propagates from a source through intervening soil and rock layers to the foundations of nearby buildings. The vibration then propagates from the foundation throughout the remainder of the structure. Building vibration may be perceived by occupants as the motion of building surfaces, the rattling of items on shelves or wall hangings, or a low-frequency rumbling noise. The rumble noise is caused by the vibrating walls, floors, and ceilings radiating sound waves. Groundborne vibration is usually measured in terms of vibration velocity, either the root-mean-square (RMS) velocity or peak particle velocity (PPV). Of these two, RMS is best for characterizing human response to building vibration, and PPV is used to characterize potential for damage. Ground vibrations from construction activities do not often reach the levels that can damage structures, but they can achieve the audible and tactile ranges in buildings very close to the site. Problems with groundborne vibration from construction sources are usually localized to areas within about 100 feet (ft) from the vibration source.

**Table A: Definitions of Acoustical Terms** 

Term	Definitions			
Decibel, dB	A unit of level that denotes the ratio between two quantities proportional to power; the number of decibels is 10 times the logarithm (to the base 10) of this ratio.			
Frequency, Hz	Of a function periodic in time, the number of times that the quantity repeats itself in one second (i.e., number of cycles per second).			
A-Weighted Sound Level, dBA	The sound level obtained by use of A-weighting. The A-weighting filter de- emphasizes the very low and very high frequency components of the sound in a manner similar to the frequency response of the human ear and correlates well with subjective reactions to noise. All sound levels in this report are A-weighted, unless reported otherwise.			
$L_{01}, L_{10}, L_{50}, L_{90}$	The fast A-weighted noise levels equaled or exceeded by a fluctuating sound level for 1 percent, 10 percent, 50 percent, and 90 percent of a stated time period.			
Equivalent Continuous Noise Level, L <sub>eq</sub>	The level of a steady sound that, in a stated time period and at a stated location, has the same A-weighted sound energy as the time varying sound.			
Community Noise Equivalent Level, CNEL	The 24-hour A-weighted average sound level from midnight to midnight, obtained after the addition of 5 dB to sound levels occurring in the evening from 7:00 p.m. to 10:00 p.m. and after the addition of 10 dB to sound levels occurring in the night between 10:00 p.m. and 7:00 a.m.			
Day/Night Noise Level, L <sub>dn</sub>	The 24-hour A-weighted average sound level from midnight to midnight, obtained after the addition of 10 dB to sound levels occurring in the night between 10:00 p.m and 7:00 a.m.			
$L_{\max}, L_{\min}$	The maximum and minimum A-weighted sound levels measured on a sound level meter, during a designated time interval, using fast time averaging.			
Ambient Noise Level	The all-encompassing noise associated with a given environment at a `specified time, usually a composite of sound from many sources at many directions, near and far; no particular sound is dominant.			
Intrusive	The noise that intrudes over and above the existing ambient noise at a given location. The relative intrusiveness of a sound depends upon its amplitude, duration, frequency, and time of occurrence and tonal or informational content as well as the prevailing ambient noise level.			

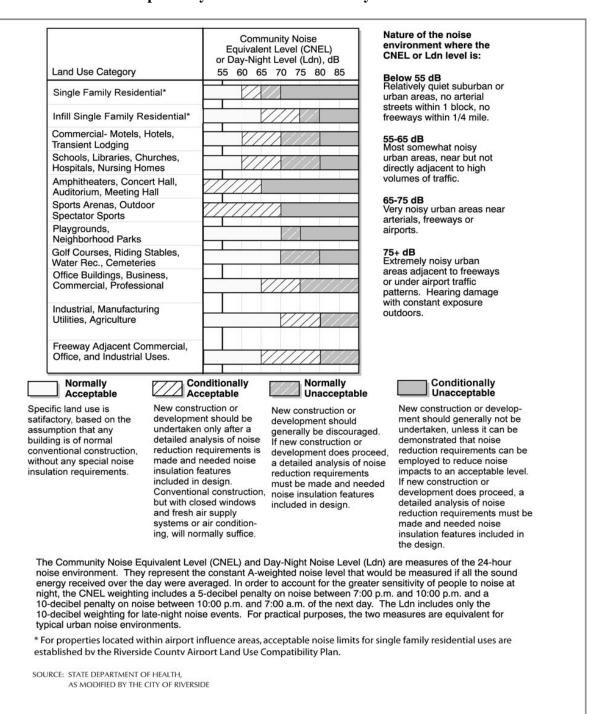
Source: Handbook of Acoustical Measurements and Noise Control (1991).

**Table B: Common Sound Levels and Their Noise Sources** 

Noise Source	A-Weighted Sound Level in Decibels	Noise Environment	Subjective Evaluation	
Near Jet Engine	140	Deafening	128 times as loud	
Civil Defense Siren	130	Threshold of Pain	64 times as loud	
Hard Rock Band	120	Threshold of Feeling	32 times as loud	
Accelerating Motorcycle a few feet away	110	Very Loud	16 times as loud	
Pile Driver; Noisy Urban Street/ Heavy City Traffic	100	Very Loud	8 times as loud	
Ambulance Siren; Food Blender	95	Very Loud		
Garbage Disposal	90	Very Loud	4 times as loud	
Freight Cars; Living Room Music	85	Loud		
Pneumatic Drill; Vacuum Cleaner	80	Loud	2 times as loud	
Busy Restaurant	75	Moderately Loud		
Near Freeway Auto Traffic	70	Moderately Loud	Reference Level	
Average Office	60	Quiet	½ as loud	
Suburban Street	55	Quiet		
Light Traffic; Soft Radio Music in Apartment	50	Quiet	¼ as loud	
Large Transformer	45	Quiet		
Average Residence Without Stereo Playing	40	Faint	1/8 as loud	
Soft Whisper	30	Faint		
Rustling Leaves	20	Very Faint		
Human Breathing	10	Very Faint	Threshold of Hearing	
	0	Very Faint		

Source: Compiled by LSA Associates, Inc. (2004).

**Table C: Land Use Compatibility for Exterior Community Noise** 



### **EXISTING CONDITIONS**

### **Surrounding Land Uses in the Project Vicinity**

A mix of land uses surrounds the project site. The areas adjacent to the project site include the following uses:

North: CBU Facilities Planning.

East: Commercial retail buildings.

• South: State Route 91.

• West: CBU on-campus apartments.

### **Overview of the Existing Noise Environment**

The primary existing noise sources in the project area are transportation facilities. Traffic on Diana Avenue, Adams Street, State Route 91 (SR-91), and other local streets is the dominant source of ambient noise.

### Thresholds of Significance

A project will normally have a significant effect on the environment related to noise if it will substantially increase the ambient noise levels for adjoining areas or conflict with adopted environmental plans and goals of the community in which it is located. The applicable noise standards governing the project site are the noise criteria listed in the City's Municipal Code and Noise Element of the General Plan.

Based on the standards and thresholds identified earlier, the effects of the proposed project have been categorized as either "less than significant impact" or a "potentially significant impact." Mitigation measures are recommended for potentially significant impacts. If a potentially significant impact cannot be reduced to a less than significant level through the application of mitigation, it is categorized as a significant unavoidable impact.

City of Riverside Noise Element. The City in its General Plan Noise Element has established Noise/Land Use Noise Compatibility Criteria. Single-family and multifamily residences are normally acceptable in exterior noise environments up to 60 dBA CNEL and conditionally acceptable in exterior noise environments of up to 65 dBA CNEL. Infill residential uses are normally acceptable in exterior noise environments up to 65 dBA CNEL and conditionally acceptable in exterior noise environments of up to 75 dBA CNEL. Interior noise levels within residential structures are acceptable up to 45 dBA CNEL. Commercial uses are normally acceptable in exterior noise environments of up to 65 dBA CNEL. Industrial uses are normally acceptable up to 70 dBA CNEL. For the purposes of this noise impact analysis, multifamily (student housing) uses with outdoor active use areas (such as patios or balconies) exposed to noise levels exceeding 65 dBA CNEL would need to be mitigated.

**City of Riverside Municipal Code Noise Ordinance.** The City has incorporated the following measures in its Municipal Code to control loud, unnecessary, and unusual nuisance noises:

**Exterior Sound Level Limits.** Unless a variance has been granted, it shall be unlawful for any person to cause or allow the creation of any noise which exceeds the following:

The exterior noise standard of the applicable land use category [Table D], up to 5 dB, for a cumulative period of more than 30 minutes in an hour; or

The exterior noise standard of the applicable land use category, plus 5 dB, for a cumulative period of more than 15 minutes in any hour; or

The exterior noise standard of the applicable land use category, plus 10 dB, for a cumulative period of more than 5 minutes in any hour; or

The exterior noise standard of the applicable land use category, plus 15 dB, for a cumulative period of more than 1 minute in any hour; or

The exterior noise standard of the applicable land use category, plus 20 dB or the maximum measured ambient noise level, for any period of time.

**Interior Sound Level Limits.** No person shall operate or cause to be operated, any source of sound indoors which causes the noise level, when measured inside another dwelling unit, school or hospital, to exceed:

The interior noise standard for the applicable noise category [Table D], up to 5 dB, for a cumulative period of more than 5 minutes in any hour; or

The interior noise standard for the applicable land use category, plus 5 dB, for a cumulative period of more than 1 minute in any hour; or

The interior noise standard for the applicable land use category, plus 10 dB or the maximum measured ambient noise level, for any period of time.

**Table D: City of Riverside Sound Level Limits (dBA)** 

Land Use Category	Time Period	Exterior Noise Standard	Interior Noise Standard
Residential	Night (10:00 p.m. to 7:00 a.m.) Day (7:00 a.m. to 10:00 p.m.)	45 55	35 45
School	7:00 a.m. to 10:00 p.m. (while school is in session)	N/A <sup>1</sup>	45
Hospital	Anytime	N/A	45
Office/Commercial	Anytime	65	N/A
Industrial	Anytime	70	N/A
Community Support	Anytime	60	N/A
Public Recreation Facility	Anytime	65	N/A
Nonurban	Anytime	70	N/A

Source: City of Riverside Municipal Code (2005).

N/A = Not Applicable. The City of Riverside has not established a sound level limit for this land use.

dBA = A-weighted decibels

Based on Table D and Sections 7.25.010 and 7.30.05 of the City's Municipal Code, the maximum exterior noise level for residential uses is 75 dBA  $L_{max}$  (55 dB plus 20 dB) during daytime hours and 65 dBA  $L_{max}$  (45 dB plus 20 dB) during nighttime hours, or the maximum measured ambient noise level for any period of time. Similarly, the maximum interior nuisance noise level for residential uses is 55 dBA  $L_{max}$  (45 dB plus 10 dB) during daytime hours and 45 dBA  $L_{max}$  (35 dB plus 10 dB) during nighttime hours, or the maximum measured ambient noise level for any period of time.

Construction activities are restricted within the City, as specified in the Riverside Municipal Code Section 7.35.010(B)(5), between the hours of 7:00 a.m. and 7:00 p.m., Monday through Friday; between the hours of 8:00 a.m. and 5:00 p.m. on Saturdays; and are prohibited on Sundays and Federal holidays. In addition, the Municipal Code limits noise levels from construction activities to the maximum permitted exterior noise level for the affected land use.

**Vibration.** Based on the Federal Transit Administration's (FTA) *Transit Noise and Vibration Impact Assessment* (2006) and depending on the building category of the nearest buildings adjacent to the project site, the potential construction vibration damage criteria vary.

Both the FTA in its *Transit Noise and Vibration Impact Assessment* (2006) and the Federal Railroad Administration (FRA) in *its High-Speed Ground Transportation Noise and Vibration Impact Assessment* (2005) included groundborne vibration and noise impact criteria guidance, as shown in Table E.

Table E: Groundborne Vibration and Noise Impact Criteria

	Groundborne Vibration Impact Levels (VdB re 1 micro inch/sec)		Groundborne Noise Impact Levels (dB re 20 micropascals)	
Land Use Category	Frequent <sup>1</sup> Events	Infrequent <sup>2</sup> Events	Frequent <sup>1</sup> Events	Infrequent <sup>2</sup> Events
Category 1: Buildings where low ambient vibration is essential for interior operations.	65 VdB3	65 VdB3	<b>-</b> 4	<b>-</b> 4
Category 2: Residences and buildings where people normally sleep.	72 VdB	80 VdB	35 dBA	43 dBA
Category 3: Institutional land uses with primarily daytime use.	75 VdB	83 VdB	40 dBA	48 dBA

Source: Federal Transit Administration (2006).

- "Frequent Events" is defined as more than 70 events per day.
- <sup>2</sup> "Infrequent Events" is defined as fewer than 70 events per day.
- This criterion limit is based on levels that are acceptable for most moderately sensitive equipment, such as optical microscopes. Vibration-sensitive manufacturing or research requires detailed evaluation to define the acceptable vibration levels. Ensuring lower vibration levels in a building often requires special design of the HVAC systems and stiffened floors.
- Vibration-sensitive equipment is used in buildings where sufficient noise attenuation is provided; additionally, such equipment is not sensitive to either airborne or groundborne noise.

dB = decibels

HVAC = heating, ventilation, and air-conditioning

VdB = vibration velocity decibels

dBA = A-weighted decibels inch/sec = inch(es) per second

The criteria presented in Table E account for variation in project types, as well as the frequency of events, which differ widely among transit projects. Although the criteria are provided for community response to groundborne vibration from rail rapid transit systems, they also provide useful guidelines for human response to exposure to vibration in general. Table F lists the vibration damage criteria for various structural categories. These are identified by the FTA as criteria that should be used during the environmental impact assessment phase to identify problem locations that must be addressed during final design (FTA 2006).

Tables E (criteria in terms of vibration velocity decibels [VdB]) and F (criteria in terms of inches per second [inches/sec] and VdB) are used to evaluate the effects of vibration on human response and structural damage. For example, for a building that is constructed with reinforced concrete with no plaster, the FTA guidelines show that a vibration level of up to 102 VdB (0.5 inch/sec) (FTA 2006) is considered safe and would not result in any construction vibration damage. For a nonengineered timber and masonry building, the construction vibration damage criterion is 94 VdB (0.2 inch/sec).

Table F: Construction Vibration Damage Criteria

Building Category	PPV (inches/sec)	Approximate Lv <sup>1</sup>
Reinforced concrete, steel, or timber (no plaster)	0.5	102
Engineered concrete and masonry (no plaster)	0.3	98
Nonengineered timber and masonry buildings	0.2	94
Buildings extremely susceptible to vibration damage	0.12	90

Source: Federal Transit Administration, May 2006.

RMS VdB re 1 micro-inch/second.

inches/sec = inches per second PPV = peak particle velocity VdB = vibration velocity decibels  $Lv = 20 \log 10$  (V/Vref) is the vibration velocity in decibels

RMS = root mean square

### IMPACTS AND MITIGATION MEASURES

### **Short-Term Demolition-Related Impacts**

Short-term noise impacts would be associated with demolition of buildings on site during construction of the proposed project. Construction-related short-term noise levels would be higher than current existing ambient noise levels in the project area, but would no longer occur once implementation of the project is completed.

Two types of short-term noise impacts could occur during the demolition of the on-site buildings. First, construction crew commutes and the transport of construction equipment to the site for the proposed project would incrementally increase noise levels on access roads leading to the site. Although there would be a relatively high single-event noise exposure potential causing intermittent noise nuisance (passing trucks at 50 ft would generate up to a maximum of 87 dBA L<sub>max</sub>), the effect on longer term (hourly or daily) ambient noise levels would be small. The project is anticipated to generate 72 daily vehicle trips during the demolition period. This number of daily vehicle trips would be less than 10 percent of the daily traffic volumes on Diana Avenue and less than one percent of the ADT on Adams Street. The effect on the traffic noise would be a less than 0.5 dBA increase over the 24-hour period. This change is not perceptible to the human ear in an outdoor environment.

Therefore, short-term construction-related impacts associated with worker commute and equipment transport to the project site would be less than significant.

The second type of short-term noise impact is related to noise generated during demolition of buildings on the project site. Table G lists construction equipment noise levels ( $L_{max}$ ) included in the FHWA Highway Construction Noise Handbook (2006) that are based on a distance of 50 ft between the equipment and a noise receptor. Typical noise levels range up to 90 dBA  $L_{max}$  at 50 ft during the demolition phase. Typical operating cycles for these types of construction equipment may involve 1 or 2 minutes of full power operation followed by 3 or 4 minutes at lower power settings.

Table G: RCNM Default Noise Emission Reference Levels and Usage Factors

Equipment Description	Impact Device?	Acoustical Usage Factor	Spec. 721.560 L <sub>max</sub> at 50 ft (dBA, slow)	Actual Measured L <sub>max</sub> at 50 ft (dBA, slow)	Number of Actual Data Samples (Count)
All other Equipment > 5 HP	No	50	85	N/A	0
Auger Drill Rig	No	20	85	84	36
Backhoe	No	40	80	78	372
Bar Bender	No	20	80	N/A	0
Blasting	Yes	N/A	94	N/A	0
Boring Jack Power Unit	No	50	80	83	1
Chain Saw	No	20	85	84	46
Clam Shovel (dropping)	Yes	20	93	87	4
Compactor (ground)	No	20	80	83	57
Compressor (air)	No	40	80	78	18
Concrete Batch Plant	No	15	83	N/A	0
Concrete Mixer Truck	No	40	85	79	40
Concrete Pump Truck	No	20	82	81	30
Concrete Saw	No	20	90	90	55
Crane	No	16	85	81	405
Dozer	No	40	85	82	55
Drill Rig Truck	No	20	84	79	22
Drum Mixer	No	50	80	80	1
Dump Truck	No	40	84	76	31
Excavator	No	40	85	81	170
Flat Bed Truck	No	40	84	74	4
Front End Loader	No	40	80	79	96
Generator	No	50	82	81	19
Generator (< 25 kVA, VMS Signs)	No	50	70	73	74
Gradall	No	40	85	83	70
Grader	No	40	85	N/A	0
Grapple (on backhoe)	No	40	85	87	1
Horizontal Boring Hydraulic Jack	No	25	80	82	6
Hydra Break Ram	Yes	10	90	N/A	0
Impact Derive	Yes	20	95	101	11

Table G: RCNM Default Noise Emission Reference Levels and Usage Factors

Equipment Description	Impact Device?	Acoustical Usage Factor	Spec. 721.560 L <sub>max</sub> at 50 ft (dBA, slow)	Actual Measured L <sub>max</sub> at 50 ft (dBA, slow)	Number of Actual Data Samples (Count)
Jackhammer	Yes	20	85	89	133
Man Lift	No	20	85	75	23
Mounted Impact Hammer (hoe ram)	Yes	20	90	90	212
Pavement Scarifier	No	20	85	90	2
Paver	No	50	85	77	9
Pickup Truck	No	40	55	75	1
Pneumatic Tools	No	50	85	85	90
Pumps	No	50	77	81	17
Refrigerator Unit	No	100	82	73	3
Rivit Buster/Chipping Gun	Yes	20	85	79	19
Rock Drill	No	20	85	81	3
Roller	No	20	85	80	16
Sand Blasting (single nozzle)	No	20	85	96	9
Scraper	No	40	85	84	12
Sheers (on backhoe)	No	40	85	96	5
Slurry Plant	No	100	78	78	1
Slurry Trench Machine	No	50	82	80	75
Soil Mix Drill Rig	No	50	80	N/A	0
Tractor	No	40	84	N/A	0
Vacuum Excavator (Vac-Truck)	No	40	85	85	149
Vacuum Street Sweeper	No	10	80	82	19
Ventilation Fan	No	100	85	79	13
Vibrating Hopper	No	50	85	87	1
Vibratory Concrete Mixer	No	20	80	80	1
Vibratory Pile Driver	No	20	95	101	44
Warning Horn	No	5	85	83	12
Welder/Torch	No	40	73	74	5

Source: *Highway Construction Noise Handbook* (FHWA 2006). Equipment shown in **bold** type represents possible use on project site.

dBA = A-weighted decibels

FHWA = Federal Highway Administration  $L_{max}$  = maximum instantaneous noise level

ft = foot/feet N/A = Not Applicable

ft-lb/blow = foot-pounds per blow RCNM = Roadway Construction Noise Model

HP = horsepower VMS = variable-message sign

**Construction Noise.** Demolition for the on-site buildings is expected to occur over a short time period. No major construction work such as grading or site preparation would occur on the project site. Based on the information in Table G, the maximum noise level generated by equipment expected to be used on the proposed project site is assumed to be 90 dBA Lmax at 50 ft from the equipment (pavement breaker, pneumatic tools, etc.). Each doubling of the sound sources with equal strength increases the noise level by 3 dBA. Assuming that each piece of construction equipment operates at

kVA = kilovolt-ampere

some distance from the other equipment, the worst-case combined noise level during the demolition phase of construction would be 93 dBA Lmax at a distance of 50 ft from the active demolition area.

Land uses adjacent to the project site include commercial/retail uses and CBU facilities including oncampus apartments. The existing on-campus apartments, the only noise-sensitive uses in the project vicinity, are more than 100 ft from the building demolition area, which would result in 6 dBA of noise reduction from distance divergence alone. Demolition on the project site would potentially expose noise-sensitive uses in the project vicinity to noise levels reaching 87 dBA  $L_{max}$ . Intervening buildings between the project site and the off-site sensitive uses would provide additional shielding or noise barrier effect. Although vehicular traffic on SR-91 and streets adjacent to these off-site sensitive uses would provide masking effects, noise impacts associated with on-site demolition activity are considered potentially significant since they could potentially exceed the 75 dBA  $L_{max}$  maximum noise level recommended by the City. In addition, the proposed project would be required to comply with the construction hours specified in the City's Noise Ordinance to ensure that noise impacts from all outdoor construction would be reduced to an acceptable level.

Construction Vibration. Vibration refers to groundborne noise and perceptible motion. Groundborne vibration is almost exclusively a concern inside buildings and is rarely perceived as a problem outdoors, where the motion may be discernable, but without the effects associated with the shaking of a building there is less adverse reaction. Construction on the project site would result in the exposure of persons to excessive groundborne vibration or groundborne noise levels. Groundborne vibration during construction activity is temporary and would cease to occur after project construction is completed.

The proposed project would not require the use of scrapers, and graders, but will use construction equipment similar to large bulldozers, jackhammers, and other pneumatic tools. As shown in Table H, a large bulldozer would generate approximately 0.089 PPV (in/sec) vibration when measured at 25 ft. A jackhammer would generate approximately 0.035 PPV (inch/sec) when measured at 25 ft, while a loaded truck would generate 0.076 PPV (inch/sec) at 25 ft.

**Table H: Vibration Source Amplitudes for Construction Equipment** 

Equipment	Reference PPVat 25 Ft (inches/sec)
Pile Driver (impact), typical	0.644
Pile Driver (sonic), typical	0.170
Vibratory roller	0.210
Large bulldozer	0.089
Caisson drilling	0.089
Loaded trucks	0.076
Jackhammer	0.035
Small bulldozer	0.003
Crack-and-seat operations	2.400

Sources: Federal Transit Administration, 2006 (except Hanson 2001 for vibratory rollers); and California Department of Transportation, 2000 (for crack-and-seat-operations). Equipment in **bold** type represents possible use on project site. ft = feet inches/sec = inches per second PPV = peak particle velocity

Experience with groundborne vibration indicates that vibration propagation is more efficient in stiff clay soils than in loose sandy soils. Shallow rock seems to concentrate the vibration energy close to the surface and can result in groundborne vibration problems at some distance from the source. Factors such as layering of the soil and depth to the water table can have significant effects on the propagation of groundborne vibration. Soft, loose, sandy soils tend to attenuate more vibration energy than hard, rocky materials. Vibration propagation through groundwater is more efficient than through sandy soils.

Regarding the potential for building damage, Table H shows that vibration levels from construction equipment and activities, including bulldozers, trucks, and jackhammers, would be less than 0.1 inch/sec at 25 ft from the project demolition area and lower than the PPV of 0.2 inch/sec vibration damage criteria at the nearest commercial/retail buildings for nonengineered timber and masonry buildings (FTA 2006). For new commercial/residential buildings, the vibration damage potential threshold recommended by Caltrans is 1 inch/sec from transient sources such as pile driving and blasting. Caltrans also states that it takes at least 0.9 inch/sec of PPV for the human response to be strongly perceptible, or 0.25 inch/sec to be distinctly perceptible (Caltrans 1992). The nearest sensitive uses/buildings are more than 100 ft from the project demolition area, and no commercial buildings are within 50 ft of the project demolition area. None of the predicted vibration levels (all below 0.1 inch/sec) for sensitive uses in the vicinity of the project site would reach either of these two threshold levels. Thus, no significant vibration impacts are anticipated and no mitigation is required.

Similarly, regarding human perception of vibration, loaded trucks and other heavy-tracked construction equipment generate approximately 92 VdB of groundborne vibration when measured at 50 ft, based on the FTA's *Transit Noise and Vibration Impact Assessment* (2006). Based on the Caltrans 1992 *Transportation-Related Earthborne Vibrations, Technical Advisory*, the vibration level at 100 ft is approximately 6 VdB lower than the vibration level at 50 ft. Vibration at 200 ft from the source is more than 6 VdB lower than the vibration level at 100 ft, or more than 12 VdB lower than the vibration level at 50 ft. Therefore, receptors at 100, 200, and 300 ft from the construction activity may be exposed to groundborne vibration up to 86, 80, and 76 VdB, respectively. The nearest sensitive uses are more than 100 ft from the project demolition area and would not experience any potential vibration damage impacts. No mitigation measures are required.

### **Long-Term On-Site Noise Impacts**

There would be no long-term noise impacts associated with the project site after demolition is completed.

### **Long-Term On-Site Vibration Impacts**

There would be no long-term vibration impacts associated with the project site after demolition is completed.

### **Mitigation Measures**

**Construction Impacts.** The following measures would reduce short-term construction-related noise impacts resulting from the proposed project:

- During all project site excavation and grading on site, demolition contractors shall equip all equipment, fixed or mobile, with properly operating and maintained mufflers, consistent with manufacturers' standards. All stationary equipment shall be placed so that emitted noise is directed away from the campus apartments nearest the project site.
- Equipment staging areas shall be located as far as feasible from the on-campus apartments.
- Haul truck deliveries shall be limited to the demolition hours. Haul routes shall not pass sensitive land uses, to the extent feasible.
- On-campus residents shall be notified, via postings on the project site, 24 hours before major demolition-related noise impacts commence.

On-Site Operational Noise Impacts. No mitigation measures are required.

On-Site Operational Vibration Impacts. No mitigation measures are required.

### Level of Significance after Mitigation

With implementation of these mitigation measures for construction impacts, the project would result in a less than significant impact for all potential noise impacts associated with the proposed project.

### **REFERENCES**

Bolt, Beranek & Newman. 1987. Noise Control for Buildings and Manufacturing Plants.

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Environmental Protection Agency. November 1978. Protective Noise Levels, EPA 550/9-79-100.

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Federal Highway Administration. 1977. *Highway Traffic Noise Prediction Model*, FHWA RD-77-108.

Federal Transit Administration (FTA). 2006. *Transit Noise and Vibration Impact Assessment* (FTA-VA-90-1003-06). May.

# **APPENDIX G**

951.781.9310 TEL

CARLSBAD

IRVINE
PALM SPRINGS ROCKLIN
PT. RICHMOND SAN LUIS OBISPO

December 12, 2014

Ms. Teri Delcamp, Historic Preservation Senior Planner City of Riverside Community Development Department Historic Preservation, Neighborhoods & Urban Design Division 3900 Main Street, 3<sup>rd</sup> Floor Riverside, California 92522

Riverside Free Methodist Church Demolition - Traffic Analysis (LSA Project No. Subject:

CTR1401)

#### Dear Teri:

This letter summarizes an analysis prepared to determine the potential circulation impacts associated with the demolition of the existing Riverside Free Methodist Church complex. The subject property is located on the California Baptist University (CBU) campus at 8431 Diana Avenue in the City of Riverside, Riverside County. The project includes the demolition of a 3,942-square foot sanctuary, a 2,340-square foot fellowship hall, and a 3,360-square foot education building. Figure 1 (all figures attached) illustrates the regional and project location.

#### **CONSTRUCTION TRAFFIC**

Construction vehicles will access the project site via an existing driveway located on Diana Avenue. Currently, the driveway and parking area are used by the church. However, as Figure 2 shows, existing traffic volumes at the project driveway are nominal during the weekday a.m. and p.m. peak hours. During demolition, two types of construction traffic would be generated: employee trips and construction vehicle trips (e.g., material deliveries and construction waste hauling). Demolition actives would generate trips throughout the day, but because the project does not require intense grading/off-site hauling, the majority of the trips would be associated with construction workers traveling to and from the site during the peak hours. Based on information from CBU, six employees will be on site daily and the following vehicles will travel to and from the project site on a daily basis:

- One Diesel Service Truck.
- One Diesel Forman Truck:
- One Diesel Operator Truck; and
- Two Semi-End Dump Trucks.

Table A (all tables attached) summarizes number of trips anticipated to occur during the demolition of the existing church complex. Additionally, some demolition vehicles will be used daily on site only and stored at designated staging areas and, therefore, would not contribute to daily traffic. These vehicles include one diesel bobcat, one diesel excavator (100,000 pound), and one diesel track loader.

Table A shows the expected trip generation resulting from demolition activities and shows that, during demolition of the existing church complex, a total of 72 daily trips would occur with 8 trips occurring in the a.m. peak hour and 8 trips occurring during the in the p.m. peak hour. Since existing traffic volumes at the project driveway are nominal during the a.m. and p.m. peak hours, they were not subtracted from the project trip generation and are included in existing with project analysis as conservative approach.

Because large trucks utilize more roadway capacity than passenger vehicles due to their larger size, slower start-up times, and reduced maneuverability, a passenger car equivalent (PCE) factor was used. A PCE factor is defined as the impact a particular kind of vehicle has on traffic variables such as headway, speed, density compared to a single passenger car. These factors are applied to the truck trip generation to account for the difference in operational characteristics of heavy vehicles. To determine the PCE for the various types of trucks that would be used during demolition activities of the project, LSA used adjustment factors contained in Highway Capacity Manual (HCM). The HCM recommends PCE conversion factors ranging from 1.0 to 2.0 depending on the size of the truck. To present a conservative analysis, LSA used a PCE conversion factor of 2.0. After accounting for trucks, demolition of the existing church complex would generate a total of 132 daily PCE trips, with 10 PCE trips occurring during the p.m. peak hour.

Generalized trip distribution patterns for the project are based on proposed haul routes to and from the demolition debris destination. For the purposes of this analysis, all project trips would travel to State Route 91 (SR-91) via of Diana Avenue and Adams Street. Figure 2 illustrates the project trip assignment used for analysis.

#### **Existing Traffic Volumes**

Existing traffic volumes are based on a.m. and p.m. peak hour intersection turn movement counts obtained from Counts Unlimited in November 2014. In addition, daily tube counts were collected on Diana Avenue, west of Adams Street. Count sheets are contained in Appendix A. Vehicle classification counts were conducted at the intersection at Adams Street/SR-91 Eastbound Ramps and Adams Street/SR-91 Westbound Ramps. To account for the presence of trucks, PCE volumes were computed using a PCE factor of 2.0 for all trucks. The percentage of trucks at the remaining intersections on Adams Street was determined using classification counts at the intersection of Adams Street/SR-91 Westbound Ramps.

The average daily traffic on Diana Avenue, west of the Adams Street is 1,635 vehicles. Existing a.m. and p.m. peak hour PCE traffic volumes at study intersections are illustrated in Figure 3. Project traffic was added to existing traffic volumes to develop existing with project demolition traffic volumes. Figure 4 illustrates the existing with project a.m. and p.m. peak hour PCE traffic volumes at study intersections.

#### Roadway and Intersection Level of Service Analysis

A roadway and intersection level of service (LOS) analysis was conducted for existing conditions. Consistent with City City's Traffic Impact Analysis (TIA) Preparation Guide, dated August 2012, the 2010 *Highway Capacity Manual* (HCM 2010) analysis methodologies were used to determine

intersection levels of service for all study area intersections. All levels of service were calculated using Synchro 8.0 software, which uses the HCM 2010 methodologies. As stated in the City's TIA preparation guide, for projects in conformance with the City's General Plan, the City strives to maintain LOS D at roadways and intersections. Based on the City's TIA guidelines, a significant project impact occurs when the project causes a roadway LOS fall to below D. For intersections, a significant impact occurs at a study intersection when the peak hour LOS falls below C or D per Policy CCM-2.3 of the City's TIA Preparation Guide.

Diana Avenue is a two-lane local roadway with a daily volume of 1,635 vehicles. During demolition of the existing church complex, daily traffic volumes on Diana Avenue would increase to 1,767 vehicles as demolition activities would add a total of 132 daily PCE trips. Based on the City's TIA Preparation Guide, a local roadway with average daily traffic volumes less than 2,500 vehicles operates at LOS A or B. Therefore, Diana Avenue operates at a satisfactory LOS under existing and existing with project conditions.

Intersections where construction vehicles have the potential to create a circulation impact were selected for analysis. Previously referenced Figure 3 shows the locations of study intersections. LOS worksheets are included in Appendix B. As Table B shows, all study intersections analyzed in this operate at a satisfactory LOS under existing and existing with project conditions.

#### CONCLUSIONS

The demolition of the existing church and two adjacent building would not create a significant circulation impact on the adjacent roadway network. Trips generated by demolition actives are nominal even without taking a reduction for existing church activities. As shown on previously referenced Table A, demolition activities are anticipated to generate 132 daily PCE trips, with only 10 PCE trips occurring during the a.m. peak hour and 10 PCE trips occurring during the p.m. peak hour. Furthermore, all roadways and intersections analyzed would operate at a satisfactory LOS under existing and existing with project conditions. Therefore, the addition of project traffic does not create a significant circulation impact as defined by the City's Traffic Impact Analysis Preparation Guide, dated August 2012.

Should you have any questions, please do not hesitate to contact me at (951) 781-9310.

Sincerely,

LSA ASSOCIATES, INC.

Joseph Urzua

Senior Transportation Planner

Attachments: Figure 1: Regional and Project Location

Figure 2: Project Trip Assignment

Figure 3: Existing Traffic Volumes

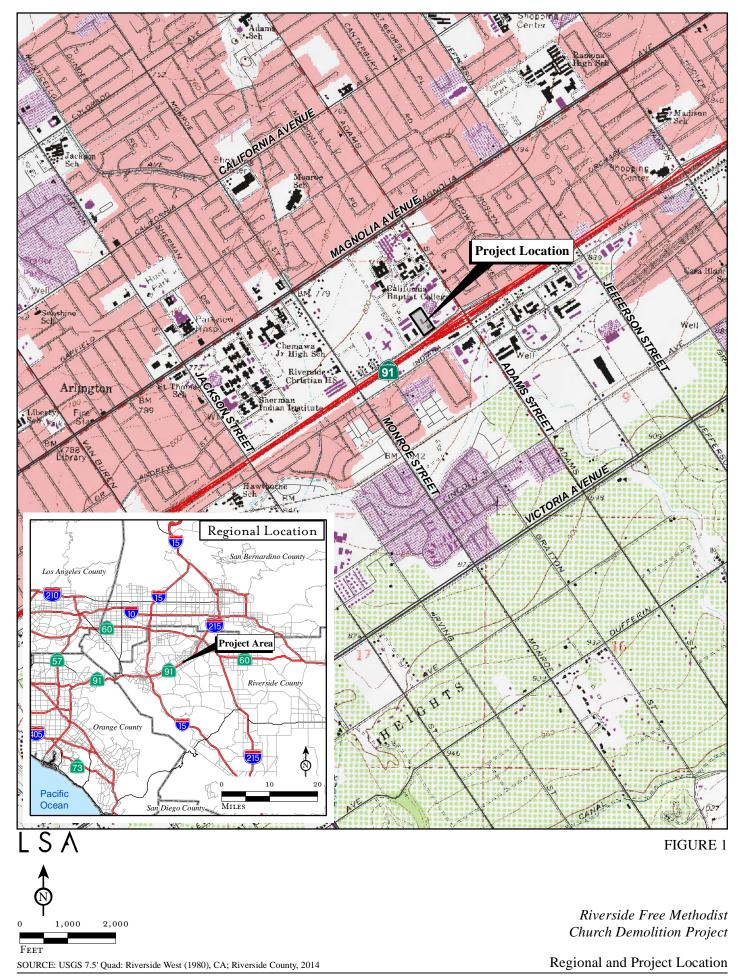
Figure 4: Existing with Project Traffic Volumes

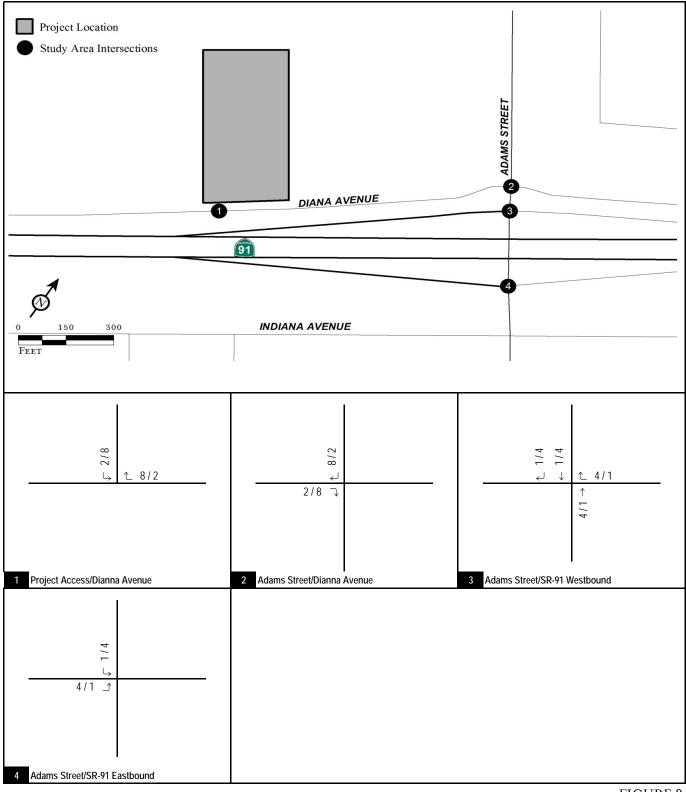
Table A: Trip Generation

Table B: Existing Intersection Levels of Service

Appendix A: Count Sheets

Appendix B: Level of Service Worksheets



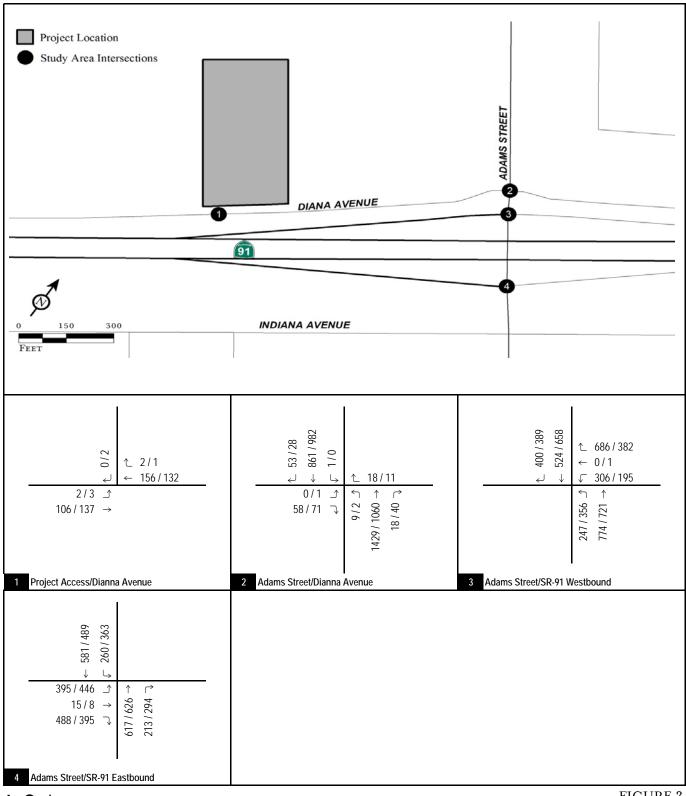


LSA FIGURE 2

XX / YY AM / PM Peak Hour PCE Volumes

Riverside Free Methodist Church Demolition Project

Project Trip Assignment

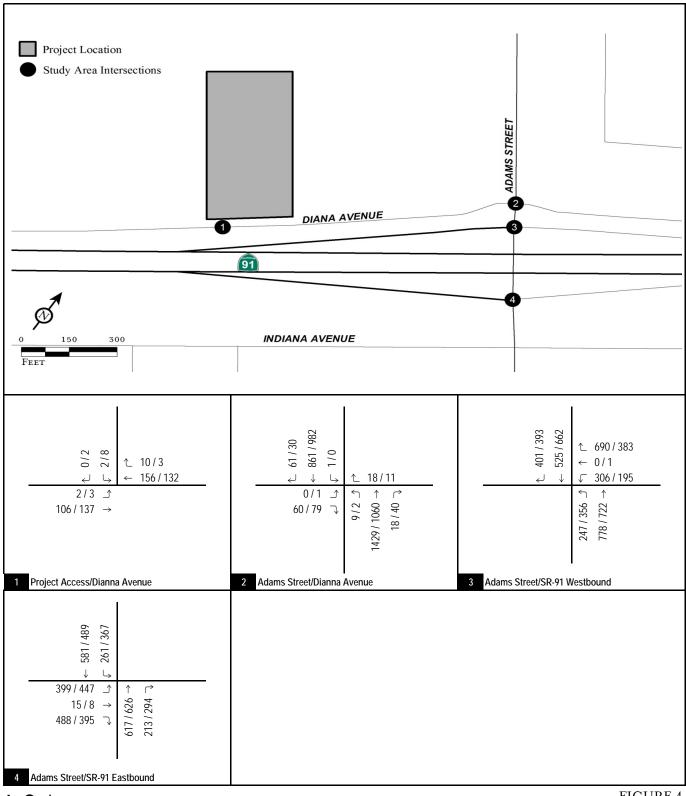


LSA FIGURE 3

XX / YY AM / PM Peak Hour PCE Volumes

Riverside Free Methodist Church Demolition Project

Existing Peak Hour Traffic Volumes



LSA FIGURE 4

XX / YY AM / PM Peak Hour PCE Volumes

Riverside Free Methodist Church Demolition Project

**Table A - Construction Trip Generation** 

						V	ehicle '	Trip Ge	enerati	ion			]	PCE T	rip Gen	eratio	n	
Cons	struction Ve	hicles				AM	Peak l	Hour	PM	Peak I	Hour		AM	Peak 1	Hour	PM	Peak 1	Hour
Description	Quantity	Round Trips	Type	PCE	ADT	In	Out	Total	In	Out	Total	ADT	In	Out	Total	In	Out	Total
Workers	6	1	Passenger	1	12	6	0	6	0	6	6	12	6	0	6	0	6	6
Diesel Semi End Dump Trucks <sup>1</sup>	2	12	Large Truck	2	48	1	1	2	1	1	2	96	2	2	4	2	2	4
Diesel Service Truck <sup>2</sup>	1	2	Medium Truck	2	4	0	0	0	0	0	0	8	0	0	0	0	0	0
Diesel Foreman Truck <sup>2</sup>	1	2	Medium Truck	2	4	0	0	0	0	0	0	8	0	0	0	0	0	0
Diesel Operator Truck <sup>2</sup>	1	2	Medium Truck	2	4	0	0	0	0	0	0	8	0	0	0	0	0	0
Total					72	7	1	8	1	7	8	132	8	2	10	2	8	10

#### Notes:

PCE = passenger car equivalent. A large truck has a PCE of 2 per the Highway Capacity Manual (HCM). As a conservative approach, a PCE of 2 was also applied to medium trucks. All other vehicles have a PCE of 1. It is estimated that 10 percent of dump trucks would occur during the peak hours.

ADT = average daily traffic

<sup>&</sup>lt;sup>1</sup> Diesel Semi End Dump Trucks for hauling waste and scrap

<sup>&</sup>lt;sup>2</sup> The Diesel Service, Foreman and Operator trucks will be in service during construction hours and unlikely to occur during the peak hour. On average each vehicle will make one round trip daily.

**Table B - Existing Intersection Levels of Service** 

			Withou	t Project		Witl	h Contru	ction Tr	affic
		AM Pe	ak Hour	PM Pe	ak Hour	AM Pe	ak Hour	PM Pe	ak Hour
Intersection	Control	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
1 . Project Access/Dianna Avenue	TWSC	7.6	A	8.9	A	10.4	В	10.0	В
2 . Adams Street/Dianna Avenue	TWSC	16.4	C	15.3	C	16.4	C	15.5	C
3 . Adams Street/SR-91 Westbound	Signal	31.8	C	40.4	D	32.1	C	40.5	D
4 . Adams Street/SR-91 Eastbound	Signal	29.0	C	31.4	C	29.1	C	31.7	C

#### **Notes:**

LOS = Level of Service

 $TWSC = Two-Way\ Stop\ Control;\ For\ TWSC\ intersections,\ \ delay\ is\ for\ the\ worst-case\ movement.$ 

# APPENDIX A: TRAFFIC COUNT DATA

#### Prepared by NDS/ATD

#### **VOLUME**

#### Diana Ave w/o Adams St

**Day:** Wednesday **Date:** 11/19/2014

City: Riverside
Project #: CA14\_6206\_001

	DAILY TOTA	\I S		_	NB		SB		EB		WB						To	otal
	DAILT TOTA	ALJ			0		0		1,069		566						1,6	635
AM Period	NB SB		ЕВ		WB		TO	TAL	PM Period	NB		SB	ЕВ		WB		ТО	TAL
0:00			0		0		0		12:00				21		9		30	
0:15 0:30			0 3		0 2		0 5		12:15 12:30				16 25		5 9		21 34	
0:45			0	3	0	2	0	5	12:45				14	76	10	33	24	109
1:00			0		0		0		13:00				46		13		59	
1:15			0		2		2		13:15				25		3		28	
1:30 1:45			0		1 0	3	1 0	3	13:30 13:45				22 18	111	9 10	35	31 28	146
2:00			2		0		2	<u> </u>	14:00				19		8	33	27	140
2:15			0		1		1		14:15				32		13		45	
2:30			0		0		0	_	14:30				24	0.5	8		32	100
2:45 3:00			4	3	0	2	4	5	14:45 15:00				21 26	96	<u>4</u> 7	33	25 33	129
3:15			4		0		4		15:15				25		3		28	
3:30			1		0		1		15:30				38		1		39	
3:45			1	10	1	1	2	11	15:45				24	113	4	15	28	128
4:00			7		1		8		16:00 16:15				19		3		22	
4:15 4:30			18 8		0 1		18 9		16:30				16 25		4 6		20 31	
4:45			8	41	2	4	10	45	16:45				24	84	7	20	31	104
5:00			9		0		9		17:00				14		11		25	
5:15			11		5		16		17:15				17		6		23	
5:30 5:45			9 7	36	0 4	9	9 11	45	17:30 17:45				17 18	66	6 10	33	23 28	99
6:00			6	30	5	9	11	43	18:00				7	00	11	33	18	33
6:15			8		2		10		18:15				3		4		7	
6:30			6		5		11		18:30				6		4		10	
6:45			6	26	16	28	22	54	18:45 19:00				6	22	5	24	11	46
7:00 7:15			8 14		18 11		26 25		19:15				4 7		5 5		9 12	
7:30			12		12		24		19:30				6		3		9	
7:45			19	53	17	58	36	111	19:45				2	19	5	18	7	37
8:00			17		18		35		20:00				0		1		1	
8:15 8:30			10 9		15 11		25 20		20:15 20:30				7 12		2 5		9 17	
8:45			15	51	14	58	29	109	20:45				4	23	7	15	11	38
9:00			14		15		29		21:00				5		4		9	
9:15			17		42		59		21:15				1		4		5	
9:30			12		18	0.5	30	140	21:30				5	12	3	1.4	8	27
9:45 10:00			12 15	55	10 5	85	22	140	21:45 22:00				2	13	<u>3</u>	14	5 2	27
10:15			10		8		18		22:15				2		0		2	
10:30			29		13		42		22:30				2		6		8	
10:45			15	69	4	30	19	99	22:45				5	11	4	10	9	21
11:00 11:15			11 18		3 8		14 26		23:00 23:15				1 1		1 2		2	
11:30			17		8		25		23:30				1		0		1	
11:45			39	85	11	30	50	115	23:45				0	3	3	6	3	9
TOTALS				432		310		742	TOTALS					637		256		893
SPLIT %			!	58.2%		41.8%		45.4%	SPLIT %					71.3%		28.7%		54.6%
	DAILY TOTA	VI C			NB		SB		ЕВ		WB						To	otal
	DAILY TOTA	ALS			0		0		1,069		566							635
AM Peak Hour				11:45		8:45		8:45	PM Peak Hour					15:00		13:30		13:00
AM Pk Volume				101		89		147	PM Pk Volume					113		40		146
Pk Hr Factor				0.647		0.530		0.623	Pk Hr Factor					0.743		0.769		0.619
7 - 9 Volume				104		116		220	4 - 6 Volume					150		53		203
7 - 9 Peak Hour				7:15		7:30		7:15	4 - 6 Peak Hour					16:00		17:00		16:30
7 - 9 Pk Volume				62 0.816		62		120	4 - 6 Pk Volume					84		33		110
Pk Hr Factor	0.000	0.000		0.816		0.861		0.833	Pk Hr Factor		0.000	0.0		0.840		0.750		0.887

### **National Data & Surveying Services**

Project ID: 14-6205-001 Day: Wednesday

City: Riverside Date: 11/19/2014 AM

1	1					Alv	<b>/</b> I						
NS/EW Streets:		Driveway		[	Oriveway	,	I	Diana Ave			Diana Ave		
	N	ORTHBOU	IND	SO	UTHBOU	JND	E	ASTBOUN	D	V	VESTBOUN	D	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	0	0	0	1	0	0	1	0	0	1	0	
7:00 AM	0	0	0	0	0	0	0	15	0	0	22	0	37
7:15 AM	0	0	0	0	0	0	0	25	0	0	23	0	48
7:30 AM	0	0	0	0	0	0	0	22	0	0	33	0	55
7:45 AM	0	0	0	0	0	0	1	32	0	0	41	2	76
8:00 AM	0	0	0	0	0	0	1	29	0	0	37	0	67
8:15 AM	0	0	0	0	0	0	0	20	0	0	41	0	61
8:30 AM	0	0	0	0	0	0	0	13	0	0	30	1	44
8:45 AM	0	0	0	0	0	1	3	22	0	0	30	0	56
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	1	5	178	0	0	257	3	444
APPROACH %'s:	#DIV/0!	#DIV/0!	#DIV/0!	0.00%	0.00%	100.00%	2.73%	97.27%	0.00%	0.00%	98.85%	1.15%	I
PEAK HR START TIME :	730	AM											TOTAL
PEAK HR VOL :	0	0	0	0	0	0	2	103	0	0	152	2	259
PEAK HR FACTOR:		0.000			0.000			0.795			0.895		0.852

CONTROL: No Control

### **National Data & Surveying Services**

Project ID: 14-6205-001 Day: Wednesday

City: Riverside Date: 11/19/2014 ΡМ

i													Ì
NS/EW Streets:		Driveway		[	Oriveway		l	Diana Ave			Diana Ave		
	N	ORTHBOU	ND	SO	UTHBOUI	ND	E	ASTBOUN	)	V	VESTBOUN	D	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	0	0	0	1	0	0	1	0	0	1	0	
4:00 PM	0	0	0	1	0	0	0	33	0	0	21	0	55
4:15 PM	0	0	0	0	0	0	0	24	0	0	21	0	45
4:30 PM	0	0	0	0	0	0	0	38	0	0	32	0	70
4:45 PM	0	0	0	0	0	2	1	33	0	0	29	1	66
5:00 PM	0	0	0	0	0	0	0	26	0	0	40	0	66
5:15 PM	0	0	0	0	0	0	2	39	0	0	30	0	71
5:30 PM	0	0	0	0	0	0	1	28	0	0	20	1	50
5:45 PM	0	0	0	0	0	0	2	41	0	0	23	3	69
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	0	0	1	0	2	6	262	0	0	216	5	492
APPROACH %'s:	#DIV/0!	#DIV/0!	#DIV/0!	33.33%	0.00%	66.67%	2.24%	97.76%	0.00%	0.00%	97.74%	2.26%	l
PEAK HR START TIME :	430	PM											TOTAL
PEAK HR VOL :	0	0	0	0	0	2	3	136	0	0	131	1	273
PEAK HR FACTOR :		0.000			0.250			0.848			0.825		0.961

CONTROL: No Control

### **National Data & Surveying Services**

Project ID: 14-6205-002 Day: Wednesday

Date: 11/19/2014 City: Riverside AM

<u>-</u>						Al	VI						
NS/EW Streets:		Adams St			Adams St		С	Diana Ave		С	Diana Ave		
	NO	ORTHBOU	ND	SC	OUTHBOUN	ID	E	ASTBOUN	ID .	W	ESTBOU	ND	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	2	0	0	3	0	0	0	1	0	0	1	
7:00 AM	0	241	3	0	165	18	0	0	8	0	0	2	437
7:15 AM	1	294	0	0	204	10	0	0	14	0	0	1	524
7:30 AM	2	317	4	0	212	10	0	0	12	0	0	5	562
7:45 AM	1	402	3	0	220	16	0	0	19	0	0	5	666
8:00 AM	2	395	3	1	209	16	0	0	17	0	0	6	649
8:15 AM	4	297	8	0	209	11	0	0	10	0	0	2	541
8:30 AM	4	211	3	0	173	7	0	0	9	0	0	2	409
8:45 AM	4	226	2	0	138	10	0	0	15	0	0	6	401
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	18	2383	26	1	1530	98	0	0	104	0	0	29	4189
APPROACH %'s:	0.74%	98.19%	1.07%	0.06%	93.92%	6.02%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	l
PEAK HR START TIME :	730	AM											TOTAL
PEAK HR VOL :	9	1411	18	1	850	53	0	0	58	0	0	18	2418
PEAK HR FACTOR:		0.885			0.958			0.763			0.750		0.908

CONTROL: 2 Way Stop (EB & WB)

### **National Data & Surveying Services**

Project ID: 14-6205-002 Day: Wednesday

City: Riverside Date: 11/19/2014 ΡМ

						PI	/I						
NS/EW Streets:		Adams St			Adams St		0	Diana Ave			Diana Ave	;	
	NO	ORTHBOUN	ND .	SC	OUTHBOUN	ID	E.	ASTBOUN	D	W	ESTBOU	ND	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	2	0	0	3	0	0	0	1	0	0	1	
4:00 PM	0	221	6	0	207	3	0	0	19	0	0	3	459
4:15 PM	1	267	14	0	208	3	0	0	16	0	0	5	514
4:30 PM	1	247	2	0	234	5	0	0	25	0	0	1	515
4:45 PM	0	272	13	0	230	7	0	0	24	0	0	3	549
5:00 PM	2	251	8	0	234	9	1	0	13	0	0	3	521
5:15 PM	0	268	11	0	270	6	0	0	17	0	0	1	573
5:30 PM	0	257	8	0	237	6	0	0	17	0	0	4	529
5:45 PM	1	286	8	0	211	9	0	0	18	0	0	3	536
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	5	2069	70	0	1831	48	1	0	149	0	0	23	4196
APPROACH %'s :	0.23%	96.50%	3.26%	0.00%	97.45%	2.55%	0.67%	0.00%	99.33%	0.00%	0.00%	100.00%	
PEAK HR START TIME :	445	PM											TOTAL
PEAK HR VOL:	2	1048	40	0	971	28	1	0	71	0	0	11	2172
PEAK HR FACTOR:		0.956			0.905			0.750			0.688		0.948

CONTROL: 2 Way Stop (EB & WB)

### **National Data & Surveying Services**

Project ID: 14-6205-003 Day: Wednesday TOTALS

Date: 11/19/2014 City: Riverside AM

-						A	ı v ı						
NS/EW Streets:		Adams St			Adams St		SR-	91 WB Rar	mps	SR-9	1 WB Rar	nps	
	NO	ORTHBOUN	ID .	SC	OUTHBOU	ND		EASTBOUN	ID	W	/ESTBOUN	ID	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	2	0	0	3	0	0	0	0	0.5	0	1.5	
7:00 AM	37	129	0	0	111	71	0	0	0	62	0	112	522
7:15 AM	52	156	0	0	125	87	0	0	0	70	1	139	630
7:30 AM	58	202	0	0	131	96	0	0	0	88	0	127	702
7:45 AM	66	218	0	0	144	93	0	0	0	84	0	183	788
8:00 AM	52	183	0	0	117	113	0	0	0	72	0	223	760
8:15 AM	57	160	0	0	123	94	0	0	0	56	0	147	637
8:30 AM	50	139	0	0	97	86	0	0	0	64	1	82	519
8:45 AM	62	112	0	0	87	64	0	0	0	73	1	117	516
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	434	1299	0	0	935	704	0	0	0	569	3	1130	5074
APPROACH %'s:	25.04%	74.96%	0.00%	0.00%	57.05%	42.95%	#DIV/0!	#DIV/0!	#DIV/0!	33.43%	0.18%	66.39%	I
PEAK HR START TIME :	730	AM											TOTAL
PEAK HR VOL :	233	763	0	0	515	396	0	0	0	300	0	680	2887
PEAK HR FACTOR :		0.877			0.961			0.000			0.831		0.916

### **National Data & Surveying Services**

Project ID: 14-6205-003 Day: Wednesday Cars

Date: 11/19/2014 City: Riverside AM

						^	•						
NS/EW Streets:		Adams St			Adams St		SR-	91 WB Rar	mps	SR-9	1 WB Rar	nps	
	NO	ORTHBOUN	ID .	SC	OUTHBOU	ND		EASTBOUN	ID	W	'ESTBOUN	ID	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	2	0	0	3	0	0	0	0	0.5	0	1.5	
7:00 AM	34	122	0	0	108	69	0	0	0	58	0	110	501
7:15 AM	48	153	0	0	124	86	0	0	0	70	1	139	621
7:30 AM	56	200	0	0	131	96	0	0	0	86	0	126	695
7:45 AM	58	216	0	0	140	90	0	0	0	84	0	183	771
8:00 AM	50	178	0	0	115	112	0	0	0	70	0	221	746
8:15 AM	55	158	0	0	120	94	0	0	0	54	0	144	625
8:30 AM	50	139	0	0	94	85	0	0	0	64	0	80	512
8:45 AM	56	110	0	0	82	64	0	0	0	73	1	113	499
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES:	407	1276	0	0	914	696	0	0	0	559	2	1116	4970
APPROACH %'s:	24.18%	75.82%	0.00%	0.00%	56.77%	43.23%	#DIV/0!	#DIV/0!	#DIV/0!	33.33%	0.12%	66.55%	l
PEAK HR START TIME :	730	AM											TOTAL
PEAK HR VOL :	219	752	0	0	506	392	0	0	0	294	0	674	2837
PEAK HR FACTOR:		0.886			0.976			0.000			0.832		0.920

### **National Data & Surveying Services**

Project ID: 14-6205-003 Day: Wednesday 2 Axle Trucks

Date: 11/19/2014 City: Riverside AM

						A	VI						
NS/EW Streets:		Adams St			Adams St		SR-	91 WB Rai	mps	SR-9	1 WB Ran	nps	
	NO	ORTHBOUN	ND	SC	DUTHBOU	ND		EASTBOUN	ID	W	ESTBOUN	ID	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	2	0	0	3	0	0	0	0	0.5	0	1.5	
7:00 AM	0	2	0	0	3	1	0	0	0	1	0	0	7
7:15 AM	4	1	0	0	1	1	0	0	0	0	0	0	7
7:30 AM	0	1	0	0	0	0	0	0	0	2	0	0	3
7:45 AM	2	1	0	0	2	1	0	0	0	0	0	0	6
8:00 AM	1	4	0	0	1	0	0	0	0	2	0	0	8
8:15 AM	1	1	0	0	2	0	0	0	0	1	0	1	6
8:30 AM	0	0	0	0	1	0	0	0	0	0	1	1	3
8:45 AM	4	1	0	0	1	0	0	0	0	0	0	3	9
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	12	11	0	0	11	3	0	0	0	6	1	5	49
APPROACH %'s:	52.17%	47.83%	0.00%	0.00%	78.57%	21.43%	#DIV/0!	#DIV/0!	#DIV/0!	50.00%	8.33%	41.67%	
PEAK HR START TIME :	730	AM											TOTAL
PEAK HR VOL :	4	7	0	0	5	1	0	0	0	5	0	1	23
PEAK HR FACTOR :		0.550			0.500			0.000			0.750		0.920

### **National Data & Surveying Services**

Project ID: 14-6205-003 Day: Wednesday **3 Axle Trucks** 

Date: 11/19/2014 City: Riverside AM

-						A	IVI						
NS/EW Streets:		Adams St			Adams St		SR-	91 WB Rai	mps	SR-9	1 WB Ran	nps	
	NO	ORTHBOU	ND .	SC	OUTHBOU	ND		EASTBOUN	ID	W	'ESTBOUN	ID	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	2	0	0	3	0	0	0	0	0.5	0	1.5	
7:00 AM	0	5	0	0	0	1	0	0	0	2	0	2	10
7:15 AM	0	2	0	0	0	0	0	0	0	0	0	0	2
7:30 AM	0	1	0	0	0	0	0	0	0	0	0	1	2
7:45 AM	4	0	0	0	2	2	0	0	0	0	0	0	8
8:00 AM	0	0	0	0	0	1	0	0	0	0	0	2	3
8:15 AM	0	0	0	0	1	0	0	0	0	1	0	1	3
8:30 AM	0	0	0	0	2	1	0	0	0	0	0	0	3
8:45 AM	1	0	0	0	3	0	0	0	0	0	0	0	4
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	5	8	0	0	8	5	0	0	0	3	0	6	35
APPROACH %'s :	38.46%	61.54%	0.00%	0.00%	61.54%	38.46%	#DIV/0!	#DIV/0!	#DIV/0!	33.33%	0.00%	66.67%	I
PEAK HR START TIME :	730	AM											TOTAL
PEAK HR VOL :	4	1	0	0	3	3	0	0	0	1	0	4	16
PEAK HR FACTOR:		0.313			0.375			0.000			0.625		0.920

### **National Data & Surveying Services**

Project ID: 14-6205-003 Day: Wednesday 4 Axle+ Trucks

City: Riverside Date: 11/19/2014 AM

						А	VI						
NS/EW Streets:		Adams St			Adams St		SR-	91 WB Rai	mps	SR-9	1 WB Ran	nps	
	NO	ORTHBOUN	ND	SO	OUTHBOUN	ID		EASTBOUN	ID	W	ESTBOUN	ID	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	2	0	0	3	0	0	0	0	0.5	0	1.5	
7:00 AM	3	0	0	0	0	0	0	0	0	1	0	0	4
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	2	0	0	0	0	0	0	0	0	0	0	0	2
7:45 AM	2	1	0	0	0	0	0	0	0	0	0	0	3
8:00 AM	1	1	0	0	1	0	0	0	0	0	0	0	3
8:15 AM	1	1	0	0	0	0	0	0	0	0	0	1	3
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	1
8:45 AM	1	1	0	0	1	0	0	0	0	0	0	1	4
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	10	4	0	0	2	0	0	0	0	1	0	3	20
APPROACH %'s:	71.43%	28.57%	0.00%	0.00%	100.00%	0.00%	#DIV/0!	#DIV/0!	#DIV/0!	25.00%	0.00%	75.00%	İ
PEAK HR START TIME :	730	AM											TOTAL
PEAK HR VOL :	6	3	0	0	1	0	0	0	0	0	0	1	11
PEAK HR FACTOR :		0.750			0.250			0.000			0.250		0.920

### **National Data & Surveying Services**

Project ID: 14-6205-003 Day: Wednesday TOTALS

City: Riverside Date: 11/19/2014 ΡМ

Ī							•						i
NS/EW Streets:		Adams St			Adams St		SR-	91 WB Rai	mps	SR-9	1 WB Ran	nps	
	NO	ORTHBOU	ND	SC	OUTHBOU	ND		EASTBOUN	ID	W	'ESTBOUN	ID	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	2	0	0	3	0	0	0	0	0.5	0	1.5	
4:00 PM	96	148	0	0	149	81	0	0	0	49	0	83	606
4:15 PM	67	170	0	0	137	84	0	0	0	50	0	110	618
4:30 PM	84	156	0	0	163	98	0	0	0	45	0	97	643
4:45 PM	76	166	0	0	152	100	0	0	0	47	0	116	657
5:00 PM	106	179	0	0	158	91	0	0	0	56	0	85	675
5:15 PM	87	183	0	0	177	107	0	0	0	38	1	93	686
5:30 PM	80	179	0	0	166	90	0	0	0	48	0	84	647
5:45 PM	61	178	0	0	151	76	0	0	0	40	0	119	625
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES:	657	1359	0	0	1253	727	0	0	0	373	1	787	5157
APPROACH %'s:	32.59%	67.41%	0.00%	0.00%	63.28%	36.72%	#DIV/0!	#DIV/0!	#DIV/0!	32.13%	0.09%	67.79%	
PEAK HR START TIME :	445	PM											TOTAL
PEAK HR VOL :	349	707	0	0	653	388	0	0	0	189	1	378	2665
PEAK HR FACTOR :		0.926			0.916			0.000			0.871		0.971

### **National Data & Surveying Services**

Project ID: 14-6205-003 Day: Wednesday Cars

City: Riverside Date: 11/19/2014 ΡМ

							V I						
NS/EW Streets:		Adams St			Adams St		SR-	91 WB Rai	mps	SR-9	1 WB Rar	nps	
	NO	ORTHBOUN	ND .	SC	OUTHBOUI	VD		EASTBOUN	ID	W	/ESTBOUN	ID	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	2	0	0	3	0	0	0	0	0.5	0	1.5	
4:00 PM	95	142	0	0	147	79	0	0	0	48	0	82	593
4:15 PM	66	170	0	0	137	83	0	0	0	50	0	109	615
4:30 PM	82	154	0	0	159	96	0	0	0	43	0	97	631
4:45 PM	72	162	0	0	151	99	0	0	0	44	0	115	643
5:00 PM	105	175	0	0	158	91	0	0	0	53	0	83	665
5:15 PM	86	181	0	0	175	107	0	0	0	38	1	92	680
5:30 PM	79	175	0	0	164	90	0	0	0	48	0	84	640
5:45 PM	61	176	0	0	148	76	0	0	0	39	0	119	619
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	646	1335	0	0	1239	721	0	0	0	363	1	781	5086
APPROACH %'s:	32.61%	67.39%	0.00%	0.00%	63.21%	36.79%	#DIV/0!	#DIV/0!	#DIV/0!	31.70%	0.09%	68.21%	I
PEAK HR START TIME :	445	PM											TOTAL
PEAK HR VOL :	342	693	0	0	648	387	0	0	0	183	1	374	2628
PEAK HR FACTOR :		0.924			0.918			0.000			0.877		0.966

### **National Data & Surveying Services**

Project ID: 14-6205-003 Day: Wednesday 2 Axle Trucks

City: Riverside Date: 11/19/2014 ΡМ

-						Р	IVI						
NS/EW Streets:		Adams St		ı	Adams St		SR-	91 WB Rai	mps	SR-9	1 WB Ran	nps	
	NO	ORTHBOU	ND .	SC	OUTHBOU	ND		EASTBOUN	ID	W	ESTBOUN	D	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	2	0	0	3	0	0	0	0	0.5	0	1.5	
4:00 PM	0	1	0	0	2	2	0	0	0	0	0	0	5
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	1	1	0	0	2	2	0	0	0	0	0	0	6
4:45 PM	2	3	0	0	0	1	0	0	0	2	0	0	8
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	1
5:15 PM	1	1	0	0	2	0	0	0	0	0	0	0	4
5:30 PM	1	4	0	0	2	0	0	0	0	0	0	0	7
5:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	4
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	5	12	0	0	10	5	0	0	0	2	0	1	35
APPROACH %'s :	29.41%	70.59%	0.00%	0.00%	66.67%	33.33%	#DIV/0!	#DIV/0!	#DIV/0!	66.67%	0.00%	33.33%	l
PEAK HR START TIME :	445	PM											TOTAL
PEAK HR VOL :	4	8	0	0	4	1	0	0	0	2	0	1	20
PEAK HR FACTOR :		0.600			0.625			0.000			0.375		0.966

### **National Data & Surveying Services**

Project ID: 14-6205-003 Day: Wednesday 3 Axle Trucks

City: Riverside Date: 11/19/2014 ΡМ

						Р	VI						
NS/EW Streets:		Adams St			Adams St		SR-	91 WB Rai	mps	SR-9	1 WB Ran	nps	
	NO	ORTHBOUN	ND	SC	OUTHBOU	VD		EASTBOUN	ID	W	'ESTBOUN	D	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	2	0	0	3	0	0	0	0	0.5	0	1.5	
4:00 PM	1	3	0	0	0	0	0	0	0	0	0	0	4
4:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
4:30 PM	0	1	0	0	2	0	0	0	0	2	0	0	5
4:45 PM	0	1	0	0	1	0	0	0	0	0	0	1	3
5:00 PM	1	1	0	0	0	0	0	0	0	1	0	0	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	1	0	0	1
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	2	6	0	0	3	1	0	0	0	4	0	1	17
APPROACH %'s :	25.00%	75.00%	0.00%	0.00%	75.00%	25.00%	#DIV/0!	#DIV/0!	#DIV/0!	80.00%	0.00%	20.00%	l
PEAK HR START TIME :	445	PM											TOTAL
PEAK HR VOL :	1	2	0	0	1	0	0	0	0	1	0	1	6
PEAK HR FACTOR :		0.375			0.250			0.000			0.500		0.966

### **National Data & Surveying Services**

Project ID: 14-6205-003 Day: Wednesday 4 Axle+ Trucks

City: Riverside Date: 11/19/2014 ΡМ

						Р	VI						
NS/EW Streets:		Adams St		ı	Adams St		SR-	91 WB Rai	mps	SR-9	1 WB Ran	nps	
	NO	ORTHBOU	ND	SC	OUTHBOUI	VD	I	EASTBOUN	ID	W	ESTBOUN	D	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	2	0	0	3	0	0	0	0	0.5	0	1.5	
4:00 PM	0	2	0	0	0	0	0	0	0	1	0	1	4
4:15 PM	1	0	0	0	0	0	0	0	0	0	0	1	2
4:30 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	2	0	0	0	0	0	0	0	0	1	0	0	3
5:00 PM	0	3	0	0	0	0	0	0	0	2	0	1	6
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	1	2
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	1	1	0	0	0	0	0	0	2
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	4	6	0	0	1	1	0	0	0	4	0	4	20
APPROACH %'s :	40.00%	60.00%	0.00%	0.00%	50.00%	50.00%	#DIV/0!	#DIV/0!	#DIV/0!	50.00%	0.00%	50.00%	I
PEAK HR START TIME :	445	PM											TOTAL
PEAK HR VOL :	2	4	0	0	0	0	0	0	0	3	0	2	11
PEAK HR FACTOR :		0.500			0.000			0.000			0.417		0.966

### **National Data & Surveying Services**

Project ID: 14-6205-004 Day: Wednesday TOTALS

Date: 11/19/2014 City: Riverside AM

_						A	VI						
NS/EW Streets:		Adams St			Adams St		SR-9	91 EB Ram	nps	SR-	-91 EB Rar	nps	
	NO	ORTHBOUI	ND	SC	OUTHBOUN	ID	E	ASTBOUN	D	\	NESTBOUI	ND	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	3	0	1	2	0	1	0.5	0.5	0	0	0	
7:00 AM	0	71	58	71	103	0	92	4	108	0	0	0	507
7:15 AM	0	120	67	76	119	0	93	8	118	0	0	0	601
7:30 AM	0	149	64	65	153	0	105	5	107	0	0	0	648
7:45 AM	0	199	37	63	167	0	92	1	114	0	0	0	673
8:00 AM	0	131	38	55	132	0	97	1	137	0	0	0	591
8:15 AM	0	129	63	69	112	0	90	1	114	0	0	0	578
8:30 AM	0	99	32	46	111	0	87	0	108	0	0	0	483
8:45 AM	0	101	46	45	118	0	71	0	80	0	0	0	461
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	999	405	490	1015	0	727	20	886	0	0	0	4542
APPROACH %'s:	0.00%	71.15%	28.85%	32.56%	67.44%	0.00%	44.52%	1.22%	54.26%	#DIV/0!	#DIV/0!	#DIV/0!	
PEAK HR START TIME :	715	AM											TOTAL
PEAK HR VOL :	0	599	206	259	571	0	387	15	476	0	0	0	2513
PEAK HR FACTOR:		0.853			0.902			0.934			0.000		0.934

### **National Data & Surveying Services**

Project ID: 14-6205-004 Day: Wednesday Cars

Date: 11/19/2014 City: Riverside AM

<u>-</u>						А	VI						
NS/EW Streets:		Adams St			Adams St		SR-9	91 EB Ram	nps	SR-	91 EB Rar	nps	
	N	ORTHBOU	ND	SC	OUTHBOUN	ID	E	ASTBOUN	D	١	WESTBOU	ND	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	3	0	1	2	0	1	0.5	0.5	0	0	0	
7:00 AM	0	61	57	68	96	0	92	4	108	0	0	0	486
7:15 AM	0	115	65	76	119	0	91	8	116	0	0	0	590
7:30 AM	0	144	61	65	150	0	104	5	102	0	0	0	631
7:45 AM	0	193	37	62	165	0	90	1	112	0	0	0	660
8:00 AM	0	129	36	55	127	0	94	1	134	0	0	0	576
8:15 AM	0	125	61	66	110	0	88	0	108	0	0	0	558
8:30 AM	0	99	30	46	108	0	87	0	100	0	0	0	470
8:45 AM	0	95	45	45	114	0	68	0	77	0	0	0	444
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	961	392	483	989	0	714	19	857	0	0	0	4415
APPROACH %'s:	0.00%	71.03%	28.97%	32.81%	67.19%	0.00%	44.91%	1.19%	53.90%	#DIV/0!	#DIV/0!	#DIV/0!	I
PEAK HR START TIME :	715	AM											TOTAL
PEAK HR VOL :	0	581	199	258	561	0	379	15	464	0	0	0	2457
PEAK HR FACTOR :		0.848			0.902			0.937			0.000		0.931

### **National Data & Surveying Services**

Project ID: 14-6205-004 Day: Wednesday 2 Axle Trucks

City: Riverside Date: 11/19/2014 AM

_						А	VI			_			
NS/EW Streets:		Adams St			Adams St		SR-9	1 EB Ram	nps	SR-	-91 EB Rar	mps	
	NO	ORTHBOU	ND	SC	OUTHBOUN	ID	E.	ASTBOUN	D	\	NESTBOU	ND	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	3	0	1	2	0	1	0.5	0.5	0	0	0	
7:00 AM	0	1	1	2	3	0	0	0	0	0	0	0	7
7:15 AM	0	3	0	0	0	0	2	0	2	0	0	0	7
7:30 AM	0	2	1	0	3	0	0	0	4	0	0	0	10
7:45 AM	0	1	0	1	1	0	1	0	2	0	0	0	6
8:00 AM	0	1	0	0	3	0	2	0	2	0	0	0	8
8:15 AM	0	3	1	2	1	0	1	1	1	0	0	0	10
8:30 AM	0	0	2	0	1	0	0	0	5	0	0	0	8
8:45 AM	0	4	0	0	1	0	2	0	2	0	0	0	9
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	15	5	5	13	0	8	1	18	0	0	0	65
APPROACH %'s:	0.00%	75.00%	25.00%	27.78%	72.22%	0.00%	29.63%	3.70%	66.67%	#DIV/0!	#DIV/0!	#DIV/0!	I
PEAK HR START TIME :	715	AM											TOTAL
PEAK HR VOL :	0	7	1	1	7	0	5	0	10	0	0	0	31
PEAK HR FACTOR:		0.667			0.667			0.938			0.000		0.931

### **National Data & Surveying Services**

Project ID: 14-6205-004 Day: Wednesday **3 Axle Trucks** 

Date: 11/19/2014 City: Riverside AM

						A	VI.						
NS/EW Streets:		Adams St			Adams St		SR-9	91 EB Ran	nps	SR-	-91 EB Rar	mps	
	Ν	NORTHBOU	ND	SC	OUTHBOUN	ND .	E	ASTBOUN	D	\	NESTBOU	ND	-
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	3	0	1	2	0	1	0.5	0.5	0	0	0	
7:00 AM	0	6	0	1	2	0	0	0	0	0	0	0	9
7:15 AM	0	2	0	0	0	0	0	0	0	0	0	0	2
7:30 AM	0	1	0	0	0	0	1	0	0	0	0	0	2
7:45 AM	0	2	0	0	1	0	0	0	0	0	0	0	3
8:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	2
8:15 AM	0	0	0	1	1	0	0	0	2	0	0	0	4
8:30 AM	0	0	0	0	2	0	0	0	2	0	0	0	4
8:45 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	12	0	2	9	0	1	0	4	0	0	0	28
APPROACH %'s:	0.00%	100.00%	0.00%	18.18%	81.82%	0.00%	20.00%	0.00%	80.00%	#DIV/0!	#DIV/0!	#DIV/0!	I
PEAK HR START TIME :	715	i AM											TOTAL
PEAK HR VOL :	0	6	0	0	2	0	1	0	0	0	0	0	9
PEAK HR FACTOR :		0.750			0.500			0.250			0.000		0.931

### **National Data & Surveying Services**

Project ID: 14-6205-004 Day: Wednesday 4 Axle+ Trucks

City: Riverside Date: 11/19/2014 AM

_						A	VI						
NS/EW Streets:		Adams St			Adams St		SR-9	1 EB Ram	nps	SR-	91 EB Rar	nps	
	NO	ORTHBOU	ND	S	OUTHBOUN	ID	E.	ASTBOUN	D	V	WESTBOUN	ND	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	3	0	1	2	0	1	0.5	0.5	0	0	0	
7:00 AM	0	3	0	0	2	0	0	0	0	0	0	0	5
7:15 AM	0	0	2	0	0	0	0	0	0	0	0	0	2
7:30 AM	0	2	2	0	0	0	0	0	1	0	0	0	5
7:45 AM	0	3	0	0	0	0	1	0	0	0	0	0	4
8:00 AM	0	0	2	0	1	0	1	0	1	0	0	0	5
8:15 AM	0	1	1	0	0	0	1	0	3	0	0	0	6
8:30 AM	0	0	0	0	0	0	0	0	1	0	0	0	1
8:45 AM	0	2	1	0	1	0	1	0	1	0	0	0	6
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	11	8	0	4	0	4	0	7	0	0	0	34
APPROACH %'s:	0.00%	57.89%	42.11%	0.00%	100.00%	0.00%	36.36%	0.00%	63.64%	#DIV/0!	#DIV/0!	#DIV/0!	I
PEAK HR START TIME :	715	AM											TOTAL
PEAK HR VOL :	0	5	6	0	1	0	2	0	2	0	0	0	16
PEAK HR FACTOR :		0.688			0.250			0.500			0.000		0.931

### **National Data & Surveying Services**

Project ID: 14-6205-004 Day: Wednesday TOTALS

City: Riverside Date: 11/19/2014 ΡМ

_						F	**						
NS/EW Streets:		Adams St		ı	Adams St		SR-9	91 EB Ram	nps	SR-	91 EB Rar	nps	
	NO	ORTHBOU	ND	SC	OUTHBOUN	ID	E	ASTBOUN	D	V	VESTBOU	ND	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	3	0	1	2	0	1	0.5	0.5	0	0	0	
4:00 PM	0	158	71	86	115	0	84	0	74	0	0	0	588
4:15 PM	0	132	58	80	113	0	110	0	71	0	0	0	564
4:30 PM	0	139	68	74	128	0	98	0	73	0	0	0	580
4:45 PM	0	138	72	90	111	0	106	0	99	0	0	0	616
5:00 PM	0	167	82	84	125	0	112	2	100	0	0	0	672
5:15 PM	0	167	74	94	125	0	113	2	102	0	0	0	677
5:30 PM	0	141	62	90	121	0	109	4	92	0	0	0	619
5:45 PM	0	134	41	78	118	0	108	5	113	0	0	0	597
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	1176	528	676	956	0	840	13	724	0	0	0	4913
APPROACH %'s:	0.00%	69.01%	30.99%	41.42%	58.58%	0.00%	53.27%	0.82%	45.91%	#DIV/0!	#DIV/0!	#DIV/0!	l
PEAK HR START TIME :	445	PM											TOTAL
PEAK HR VOL :	0	613	290	358	482	0	440	8	393	0	0	0	2584
PEAK HR FACTOR :		0.907			0.959			0.969			0.000		0.954

### **National Data & Surveying Services**

Project ID: 14-6205-004 Day: Wednesday Cars

City: Riverside Date: 11/19/2014 ΡМ

_						PI	VI						
NS/EW Streets:		Adams St			Adams St		SR-9	91 EB Ram	nps	SR-	91 EB Rar	nps	
	NO	ORTHBOUI	ND	SC	OUTHBOUN	ID	E	ASTBOUN	D	١	WESTBOUI	ND	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	3	0	1	2	0	1	0.5	0.5	0	0	0	
4:00 PM	0	153	71	84	112	0	84	0	74	0	0	0	578
4:15 PM	0	129	57	79	113	0	110	0	69	0	0	0	557
4:30 PM	0	133	68	72	127	0	98	0	70	0	0	0	568
4:45 PM	0	135	70	87	108	0	103	0	98	0	0	0	601
5:00 PM	0	163	81	83	122	0	112	2	100	0	0	0	663
5:15 PM	0	163	74	94	124	0	113	2	102	0	0	0	672
5:30 PM	0	139	61	89	121	0	108	4	91	0	0	0	613
5:45 PM	0	133	40	77	115	0	106	5	112	0	0	0	588
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	1148	522	665	942	0	834	13	716	0	0	0	4840
APPROACH %'s:	0.00%	68.74%	31.26%	41.38%	58.62%	0.00%	53.36%	0.83%	45.81%	#DIV/0!	#DIV/0!	#DIV/0!	I
PEAK HR START TIME :	445	PM											TOTAL
PEAK HR VOL:	0	600	286	353	475	0	436	8	391	0	0	0	2549
PEAK HR FACTOR :		0.908			0.950			0.962			0.000		0.948

### **National Data & Surveying Services**

Project ID: 14-6205-004 Day: Wednesday 2 Axle Trucks

City: Riverside Date: 11/19/2014 ΡМ

_	PINI												
NS/EW Streets:	Adams St			Adams St			SR-91 EB Ramps			SR-91 EB Ramps			
	NO	ORTHBOU	ND :		OUTHBOUND		EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	3	0	1	2	0	1	0.5	0.5	0	0	0	
4:00 PM	0	0	0	2	0	0	0	0	0	0	0	0	2
4:15 PM	0	1	1	1	0	0	0	0	1	0	0	0	4
4:30 PM	0	3	0	1	0	0	0	0	1	0	0	0	5
4:45 PM	0	0	1	2	0	0	4	0	0	0	0	0	7
5:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:15 PM	0	3	0	0	1	0	0	0	0	0	0	0	4
5:30 PM	0	2	1	1	0	0	1	0	0	0	0	0	5
5:45 PM	0	1	1	1	2	0	2	0	0	0	0	0	7
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	10	4	8	4	0	7	0	2	0	0	0	35
APPROACH %'s:	0.00%	71.43%	28.57%	66.67%	33.33%	0.00%	77.78%	0.00%	22.22%	#DIV/0!	#DIV/0!	#DIV/0!	l
PEAK HR START TIME :	445 PM											TOTAL	
PEAK HR VOL :	0	5	2	3	2	0	5	0	0	0	0	0	17
PEAK HR FACTOR:		0.583			0.625			0.313			0.000		0.948

### **National Data & Surveying Services**

Project ID: 14-6205-004 Day: Wednesday 3 Axle Trucks

City: Riverside Date: 11/19/2014 ΡМ

	FIVI												
NS/EW Streets:	Adams St			Adams St			SR-91 EB Ramps			SR-91 EB Ramps			
	N	ORTHBOUN	ND	SC	OUTHBOUND		EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	3	0	1	2	0	1	0.5	0.5	0	0	0	
4:00 PM	0	3	0	0	1	0	0	0	0	0	0	0	4
4:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:30 PM	0	2	0	1	1	0	0	0	0	0	0	0	4
4:45 PM	0	0	0	1	2	0	0	0	0	0	0	0	3
5:00 PM	0	2	0	1	0	0	0	0	0	0	0	0	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	8	0	3	4	0	0	0	1	0	0	0	16
APPROACH %'s:	0.00%	100.00%	0.00%	42.86%	57.14%	0.00%	0.00%	0.00%	100.00%	#DIV/0!	#DIV/0!	#DIV/0!	I
PEAK HR START TIME :	445 PM												TOTAL
PEAK HR VOL :	0	2	0	2	2	0	0	0	1	0	0	0	7
PEAK HR FACTOR :		0.250			0.333			0.250			0.000		0.948

## Intersection Turning Movement Prepared by:

## **National Data & Surveying Services**

Project ID: 14-6205-004 Day: Wednesday 4 Axle+ Trucks

City: Riverside Date: 11/19/2014 ΡМ

_	PIW												
NS/EW Streets:	ı	Adams St			Adams St		SR-9	1 EB Rar	mps	SR-	91 EB Rar	mps	
	NO	ORTHBOUI	ND	SC	OUTHBOUN	ID	E.	ASTBOUN	ND	١	WESTBOUI	ND	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	3	0	1	2	0	1	0.5	0.5	0	0	0	
4:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	4
4:15 PM	0	1	0	0	0	0	0	0	1	0	0	0	2
4:30 PM	0	1	0	0	0	0	0	0	2	0	0	0	3
4:45 PM	0	3	1	0	1	0	0	0	1	0	0	0	6
5:00 PM	0	2	1	0	2	0	0	0	0	0	0	0	5
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	1	0	0	0	1	0	0	0	2
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	10	2	0	6	0	0	0	5	0	0	0	23
APPROACH %'s:	0.00%	83.33%	16.67%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	#DIV/0!	#DIV/0!	#DIV/0!	l
PEAK HR START TIME :	445	PM											TOTAL
PEAK HR VOL :	0	6	2	0	3	0	0	0	1	0	0	0	12
PEAK HR FACTOR :		0.500			0.375			0.250			0.000		0.948

**CONTROL**: Signalized

## APPENDIX B: LEVEL OF SERVICE CALCULATION WORKSHEETS

Intersection								
Int Delay, s/veh	0.2							
Movement	EBL	EBT			WBT	WBR	SBL	SBR
Vol, veh/h	2	106			156	2	0	0
Conflicting Peds, #/hr	0	0			0	0	0	0
Sign Control	Free	Free			Free	Free	Stop	Stop
RT Channelized	-	None			-	None	-	None
Storage Length	-	-			-	-	0	-
Veh in Median Storage, #	<del>!</del> -	0			0	-	0	-
Grade, %	-	0			0	-	0	-
Peak Hour Factor	85	85			85	85	85	85
Heavy Vehicles, %	0	0			0	0	0	0
Mvmt Flow	7	125			184	2	0	0
Major/Minor	Major1				Major2		Minor2	
Conflicting Flow All	186	0			-	0	324	185
Stage 1	-	-			_	-	185	-
Stage 2	-	-			-	_	139	-
Critical Hdwy	4.1	-			-	-	6.4	6.2
Critical Hdwy Stg 1	-	-			-	-	5.4	-
Critical Hdwy Stg 2	-	-			-	-	5.4	-
Follow-up Hdwy	2.2	-			-	-	3.5	3.3
Pot Cap-1 Maneuver	1401	-			-	-	674	862
Stage 1	-	-			-	-	852	-
Stage 2	-	-			-	-	893	-
Platoon blocked, %		-			-	-		
Mov Cap-1 Maneuver	1401	-			-	-	671	862
Mov Cap-2 Maneuver	-	-			-	-	671	-
Stage 1	-	-			-	-	852	-
Stage 2	-	-			-	-	889	-
Approach	EB				WB		SB	
HCM Control Delay, s	0.4				0		0	
HCM LOS	0.1				0		A	
TOW LOO							A	
Minor Long/Major My	בחי	<b>FDT</b>	MDT	WDD CD	)  n1			
Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR SE	LIII			
Capacity (veh/h)	1401	-	-	-	-			
HCM Control Doloy (a)	0.005	-	-	-	-			
HCM Long LOS	7.6	0	-	-	0			
HCM Lane LOS	A	Α	-	-	A			
HCM 95th %tile Q(veh)	0	-	-	-	-			

6/6/2014 Baseline Synchro 8 Report Page 1

Interconting												
Intersection Int Delay, s/veh	1.5											
ilit Delay, S/VeII	1.0											
Movement	EBL	EBT	EBR	WE	L WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	0	0	58		0 0		9	1429	18	1	861	53
Conflicting Peds, #/hr	0	0	0		0 0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Sto	p Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None		· .	None	-	-	None	-	-	None
Storage Length	-	-	0			0	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-		- 0	-	-	0	-	-	0	-
Grade, %	-	0	-		- 0	-	-	0	-	-	0	-
Peak Hour Factor	91	91	91	Ç	1 91	91	91	91	91	91	91	91
Heavy Vehicles, %	0	0	0		0 0	0	0	0	0	0	0	0
Mvmt Flow	0	0	64		0 0	20	10	1570	20	1	946	58
Major/Minor	Minor2			Mino	1		Major1			Major2		
Conflicting Flow All	1782	2587	502	198	1 2607	795	1004	0	0	1590	0	0
Stage 1	977	977	-	160	0 1600	-	-	-	-	-	-	-
Stage 2	805	1610	-	38	1 1007	-	-	-	-	-	-	-
Critical Hdwy	6.95	6.5	7.1	6.9	5 6.5	6.9	5.3	-	-	4.1	-	-
Critical Hdwy Stg 1	7.3	5.5	-	6	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.5	5.5	-	6	7 5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.65	4	3.9	3.6	5 4	3.3	3.1	-	-	2.2	-	-
Pot Cap-1 Maneuver	68	26	445	Ę	0 25	335	396	-	-	418	-	-
Stage 1	214	332	-	11	1 167	-	-	-	-	-	-	-
Stage 2	337	165	-	58	5 321	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	53	20	445	3	5 19	335	396	-	-	418	-	-
Mov Cap-2 Maneuver	53	20	-	3	5 19	-	-	-	-	-	-	-
Stage 1	167	330	-	}	6 130	-	-	-	-	-	-	-
Stage 2	247	129	-	49	9 319	-	-	-	-	-	-	-
Approach	EB			W	В		NB			SB		
HCM Control Delay, s	14.4			16	4		1.7			0		
HCM LOS	В				С							
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1WBLr	ı1 SBL	SBT	SBR					
Capacity (veh/h)	396	-	_	445 33	5 418	-	-					
HCM Lane V/C Ratio	0.025	-	-	0.143 0.05			-					
HCM Control Delay (s)	14.3	1.6	-	14.4 16			-					
HCM Lane LOS	В	Α	-	В	C E	Α	-					
HCM 95th %tile Q(veh)	0.1	-	-	0.5 0	2 0	-	-					

	<u> </u>	<b>→</b>	•	•	<b>←</b>	•	1	<b>†</b>	<b>/</b>	/	<b>+</b>	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations					4	7	7	44			<b>↑</b> ↑₽	
Volume (veh/h)	0	0	0	306	0	686	247	774	0	0	524	400
Number				3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln				1900	1900	1900	1900	1900	0	0	1900	1900
Adj Flow Rate, veh/h				333	310	540	268	841	0	0	570	435
Adj No. of Lanes				0	1	1	1	2	0	0	3	0
Peak Hour Factor				0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %				0	0	0	0	0	0	0	0	0
Cap, veh/h				330	308	3709	302	1725	0	0	1034	888
Arrive On Green				0.34	0.34	0.34	0.33	0.96	0.00	0.00	0.22	0.22
Sat Flow, veh/h				959	893	10767	1810	3705	0	0	4824	3994
Grp Volume(v), veh/h				643	0	540	268	841	0	0	440	565
Grp Sat Flow(s), veh/h/ln				1852	0	10767	1810	1805	0	0	1729	5189
Q Serve(g_s), s				31.0	0.0	3.1	12.6	1.7	0.0	0.0	10.2	8.6
Cycle Q Clear(g_c), s				31.0	0.0	3.1	12.6	1.7	0.0	0.0	10.2	8.6
Prop In Lane				0.52		1.00	1.00		0.00	0.00		0.77
Lane Grp Cap(c), veh/h				638	0	3709	302	1725	0	0	768	1153
V/C Ratio(X)				1.01	0.00	0.15	0.89	0.49	0.00	0.00	0.57	0.49
Avail Cap(c_a), veh/h				638	0	3709	302	1725	0	0	768	1153
HCM Platoon Ratio				1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh				29.5	0.0	20.4	29.2	1.1	0.0	0.0	31.2	30.5
Incr Delay (d2), s/veh				37.6	0.0	0.1	29.8	1.0	0.0	0.0	3.1	1.5
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(-26165%),veh/ln				22.4	0.0	9.4	8.8	0.7	0.0	0.0	5.2	12.7
LnGrp Delay(d),s/veh				67.1	0.0	20.4	59.1	2.1	0.0	0.0	34.3	32.0
LnGrp LOS				F		С	E	Α			С	С
Approach Vol, veh/h				•	1183			1109			1005	
Approach Delay, s/veh					45.8			15.8			33.0	
Approach LOS					D			В			C	
Timer	1	2	3	4	5	6	7	8				
Assigned Phs	<u> </u>	2	<u> </u>	•	5	6	,	8				
Phs Duration (G+Y+Rc), s		51.0			23.0	28.0		39.0				
Change Period (Y+Rc), s		4.0			4.0	4.0		4.0				
Max Green Setting (Gmax), s		47.0			19.0	24.0		35.0				
Max Q Clear Time (g_c+l1), s		3.7			14.6	12.2		33.0				
Green Ext Time (p_c), s		19.5			0.3	8.6		1.2				
Intersection Summary		. , , , ,			0.0	0.0						
HCM 2010 Ctrl Delay			31.8									
,												
HCM 2010 LOS			С									
Notes												

	۶	<b>→</b>	•	•	<b>←</b>	•	1	†	<b>/</b>	<b>/</b>	ţ	✓	
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
Lane Configurations	ķ	<del>(</del>						<del>የ</del>		¥	<b>^</b>		
Volume (veh/h)	395	15	488	0	0	0	0	617	213	260	581	0	
Number	7	4	14				5	2	12	1	6	16	
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0	
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00	
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00	
Adj Sat Flow, veh/h/ln	1900	1900	1900				0	1900	1900	1900	1900	0	
Adj Flow Rate, veh/h	425	16	525				0	663	229	280	625	0	
Adj No. of Lanes	1	1	0				0	3	0	1	2	0	
Peak Hour Factor	0.93	0.93	0.93				0.93	0.93	0.93	0.93	0.93	0.93	
Percent Heavy Veh, %	0	0	0				0	0	0	0	0	0	
Cap, veh/h	451	70	2286				0	1061	398	494	2069	0	
Arrive On Green	0.25	0.25	0.25				0.00	0.21	0.21	0.36	0.76	0.00	
Sat Flow, veh/h	1810	280	9181				0	5197	1883	1810	3705	0	
Grp Volume(v), veh/h	425	0	541				0	472	420	280	625	0	
Grp Sat Flow(s), veh/h/lr	n1810	0	9461				0	1729	3451	1810	1805	0	
Q Serve(g_s), s	20.7	0.0	4.1				0.0	11.2	9.8	11.2	4.8	0.0	
Cycle Q Clear(g_c), s	20.7	0.0	4.1				0.0	11.2	9.8	11.2	4.8	0.0	
Prop In Lane	1.00		0.97				0.00		0.55	1.00		0.00	
Lane Grp Cap(c), veh/h		0	2356				0	730	729	494	2069	0	
V/C Ratio(X)	0.94	0.00	0.23				0.00	0.65	0.58	0.57	0.30	0.00	
Avail Cap(c_a), veh/h	583	0	3049				0	730	729	494	2069	0	
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.33	1.33	1.00	
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	1.00	0.47	0.47	0.00	
Uniform Delay (d), s/vel		0.0	26.9				0.0	32.4	31.9	24.4	5.1	0.0	
Incr Delay (d2), s/veh	21.0	0.0	0.0				0.0	4.4	3.3	0.7	0.2	0.0	
Initial Q Delay(d3),s/veh		0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	
%ile BackOfQ(-26165%	•		10.7				0.0	5.8	10.0	5.6	2.4	0.0	
LnGrp Delay(d),s/veh	54.2	0.0	27.0				0.0	36.8	35.2	25.1	5.3	0.0	
LnGrp LOS	D		С					D	D	С	Α		
Approach Vol, veh/h		966						892			905		
Approach Delay, s/veh		38.9						36.1			11.4		
Approach LOS		D						D			В		
Timer	1	2	3	4	5	6	7	8					
Assigned Phs	1	2		4		6							
Phs Duration (G+Y+Rc)	), <b>3</b> 2.6	27.0		30.4		59.6							
Change Period (Y+Rc),	s 4.0	4.0		4.0		4.0							
Max Green Setting (Gm	na <b>3k)</b> 2,.0s	23.0		33.0		49.0							
Max Q Clear Time (g_c	+1113,25	13.2		22.7		6.8							
Green Ext Time (p_c), s	3.4	4.0		3.7		5.9							
Intersection Summary													
HCM 2010 Ctrl Delay			29.0										
HCM 2010 LOS			C										
			0										

Intersection								
Int Delay, s/veh	0.3							
Movement	EBL	EBT			WBT	WBR	SBL	SBR
Vol, veh/h	3	137			132	1	0	2
Conflicting Peds, #/hr	0	0			0	0	0	0
Sign Control	Free	Free			Free	Free	Stop	Stop
RT Channelized	-	None			-	None	-	None
Storage Length	-	-			-	-	0	-
Veh in Median Storage, #	-	0			0	-	0	-
Grade, %	-	0			0	-	0	-
Peak Hour Factor	96	96			96	96	96	96
Heavy Vehicles, %	0	0			0	0	0	0
Mvmt Flow	9	143			138	1	0	2
Major/Minor	Major1				Major2		Minor2	
Conflicting Flow All	139	0			- Wajorz	0	299	138
Stage 1	-	-			_	-	138	- 130
Stage 2	-	_			-	-	161	-
Critical Hdwy	4.1	-			-	-	6.4	6.2
Critical Hdwy Stg 1	-	-			-	-	5.4	-
Critical Hdwy Stg 2	-	-			-	-	5.4	-
Follow-up Hdwy	2.2	-			-	-	3.5	3.3
Pot Cap-1 Maneuver	1457	-			-	-	697	916
Stage 1	-	-			-	-	894	-
Stage 2	-	-			-	-	873	-
Platoon blocked, %		-			-	-		
Mov Cap-1 Maneuver	1457	-			-	-	692	916
Mov Cap-2 Maneuver	-	-			-	-	692	-
Stage 1	-	-			-	-	894	-
Stage 2	-	-			-	-	867	-
Approach	EB				WB		SB	
HCM Control Delay, s	0.5				0		8.9	
HCM LOS	0.5				0		Α	
HOW LOO							Α.	
Minor Long/Mair DA	ED:	EDT	MOT	WDD CD!	.1			
Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR SBLr				
Capacity (veh/h)	1457	-	-	- 91				
HCM Cantrol Palace (a)	0.006	-	-	- 0.00				
HCM Long LOS	7.5	0	-		.9			
HCM CEth (/tile O(+ah)	A	Α	-		A			
HCM 95th %tile Q(veh)	0	-	-	-	0			

Intersection												
Int Delay, s/veh	0.6											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	1	0	71	0	0	11	2	1060	40	0	982	28
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	0	-	-	0	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	95	95	95	95	95	95	95	95	95	95	95	95
Heavy Vehicles, %	0	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	1	0	75	0	0	12	2	1116	42	0	1034	29
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	1610	2210	532	1554	2204	579	1063	0	0	1158	0	0
Stage 1	1048	1048	-	1141	1141	-	-	-	-	-	-	-
Stage 2	562	1162	-	413	1063	-	-	-	-	-	-	-
Critical Hdwy	6.95	6.5	7.1	6.95	6.5	6.9	5.3	-	-	4.1	-	-
Critical Hdwy Stg 1	7.3	5.5	-	6.5	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.5	5.5	-	6.7	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.65	4	3.9	3.65	4	3.3	3.1	-	-	2.2	-	-
Pot Cap-1 Maneuver	89	45	425	98	45	463	371	-	-	611	-	-
Stage 1	191	307	-	212	278	-	-	-	-	-	-	-
Stage 2	469	272	-	560	302	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	86	44	425	80	44	463	371	-	-	611	-	-
Mov Cap-2 Maneuver	86	44	-	80	44	-	-	-	-	-	-	-
Stage 1	188	307	-	209	274	-	-	-	-	-	-	-
Stage 2	450	268	-	462	302	-	-	-	-	-	-	-
Approach	EB			WB			NB			SB		
HCM Control Delay, s	15.3			13			0.1			0		
HCM LOS	C			B			0.1			0		
HOW LOO				, , ,								
Minor Lane/Major Mvmt	NBL	NBT	MRRI	EBLn1WBLn1	SBL	SBT	SBR					
Capacity (veh/h)	371			425 463	611	- 301						
HCM Lane V/C Ratio	0.006	-	-	425 463 0.176 0.025	011	-	-					
HCM Control Delay (s)	14.8	0.1	-	15.3 13	0	-	-					
HCM Lane LOS	14.8 B	Ο. Ι	-	C B	A	-	<u>-</u>					
HCM 95th %tile Q(veh)			-	0.6 0.1		-	-					
HOW YOU WILL (VEU)	0	-	-	U.U U. I	0	-	-					

Movement   EBL   EBT   EBR   WBL   WBL   WBL   NBT   NBR   SBL   SBT   SBR   Lane Configurations		۶	<b>→</b>	•	•	<b>←</b>	•	1	<b>†</b>	~	<b>/</b>	<b></b>	✓
Volume (vehlrh)		EBL	EBT	EBR	WBL	WBT				NBR	SBL		SBR
Number     3   8   18   5   2   12   1   6   16   16   16   16	Lane Configurations					- ♣	7		<b>^</b>			<b>↑</b> ↑↑	
Initial C (Ob), weh   0	Volume (veh/h)	0	0	0	195		382	356		0	0		389
Ped-Bike Adj A_pbT							18		2		1	6	
Parking Bus, Adj	Initial Q (Qb), veh					0			0			0	
Adj Sat Flow, veh/th/In         1900         1900         1900         1900         0         0         1900         1900         1900         0         0         1900         1900         1900         0         0         1         10         20         0         0         678         401           Adj No. of Lanes         0         0         1         1         1         2         0         0         3         0           Peak Hour Factor         0.97         0.07         0.0         0.0<	Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Adj Flow Ratie, velvh         201         145         298         367         743         0         0         678         401           Adj No, of Lanes         0         1         1         1         2         0         0         3         0           Peak Hour Factor         0.97         0.07         0.00	Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj No. of Lanes	Adj Sat Flow, veh/h/ln				1900	1900	1900	1900	1900	0	0	1900	1900
Peak Hour Factor   0.97   0.	Adj Flow Rate, veh/h				201	145	298	367	743	0	0	678	401
Percent Heavy Veh, %	Adj No. of Lanes				0	1	1	1	2	0	0	3	0
Cap, veh/h         155         112         1553         583         2447         0         0         1286         809           Arrive On Green         0.14         0.14         0.14         0.64         1.00         0.00         0.07         0.27         0.27           Sat Flow, veh/h         1073         774         10767         1810         3705         0         0         4993         3035           Grp Volume(v), veh/h         346         0         298         367         743         0         0         4998         581           Grp Sat Flow(s), veh/h/In         1846         0         10767         1810         1805         0         0         1229         4399           Q Serve(g_s), s         13.0         0.0         2.2         10.9         0.0         0         0         11.1         10.0           Cycle Q Clear(g_e), s         13.0         0.0         2.2         10.9         0.0         0.0         0.0         11.1         10.0           Cycle Q Clear(g_e), s         130         0.0         2.2         10.9         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0	Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Arrive On Green         0.14         0.14         0.14         0.14         0.10         0.00         0.00         0.07         0.27         2.27         Sat Flow, veh/h         1073         774         10767         1810         3705         0         0         4993         3035         567         Volume(v), veh/h         346         0         298         367         743         0         0         4983         881         561         561         681         681         681         681         681         681         681         681         681         681         681         681         681         681         681         682         682         683         644         783         783         783         784         783         783         784         783         783         784         783<					0	0	0	0	0	0	0	0	0
Sat Flow, veh/h         1073         774         10767         1810         3705         0         0         4993         3035           Gry Dolume(v), veh/h         346         0         298         367         743         0         0         498         581           Gry Sat Flow(s), veh/h/ln         1846         0         10767         1810         1805         0         0         1729         4399           O Serve(g_s), s         13.0         0.0         2.2         10.9         0.0         0.0         0.0         11.1         10.0           Cycle O Clear(g_c), s         13.0         0.0         2.2         10.9         0.0         0.0         0.0         11.1         10.0           Cycle O Clear(g_c), s         13.0         0.0         2.2         10.9         0.0	Cap, veh/h				155	112	1553	583	2447	0		1286	809
Grp Volume(v), veh/h         346         0         298         367         743         0         0         498         581           Grp Sat Flow(s), veh/h/ln         1846         0         10767         1810         1805         0         0         1729         4399           O Serve(g_s), s         13.0         0.0         2.2         10.9         0.0         0.0         0.0         11.1         10.0           Cycle O Clear(g_c), s         13.0         0.0         2.2         10.9         0.0         0.0         0.0         11.1         10.0           Prop In Lane         0.58         1.00         1.00         1.00         0.00         0.00         0.69           Lane Grp Cap(c), veh/h         266         0         1553         583         2447         0         0         922         1173           V/C Ratio(X)         1.30         0.00         0.01         0.63         0.30         0.00         0.00         0.50           Avail Cap(c_a), veh/h         390         0         22273         583         2447         0         0         922         1173           HCM Platon Ratio         1.00         1.00         1.00         1.00	Arrive On Green				0.14	0.14	0.14	0.64	1.00	0.00	0.00	0.27	0.27
Grp Sat Flow(s), veh/h/ln         1846         0         10767         1810         1805         0         0         1729         4399           Q Serve(g_s), s         13.0         0.0         2.2         10.9         0.0         0.0         0.1         11.0         10.0         Cycle Q Clear(g_c), s         13.0         0.0         2.2         10.9         0.0         0.0         0.0         11.1         10.0         Prop In Lane         0.58         1.00         1.00         0.00         0.00         0.0         0.6         6.6         Lane Grp Cap(c), veh/h         266         0         1553         583         2447         0         0         922         1173         V/C Ratio(X)         1.30         0.00         0.19         0.63         0.30         0.00         0.00         0.50         Avail Cap(c_a), veh/h         399         0         2273         583         2447         0         0         0.50         Avail Cap(c_a), veh/h         389         0         220         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00	Sat Flow, veh/h				1073	774	10767	1810	3705	0	0	4993	3035
Name	Grp Volume(v), veh/h				346	0	298	367	743	0	0	498	581
Cycle Q Clear(g_c), s         13.0         0.0         2.2         10.9         0.0         0.0         0.0         11.1         10.0           Prop In Lane         0.58         1.00         1.00         0.00         0.00         0.69           Lane Grp Cap(c), veh/h         266         0         1553         583         2447         0         0         922         1173           V/C Ratio(X)         1.30         0.00         0.19         6.63         0.30         0.00         0.00         0.54         0.50           Avail Cap(c_a), veh/h         390         0         2273         583         2447         0         0         922         1173           HCM Platoon Ratio         1.00         1.00         1.00         1.00         2.00         2.00         1.00         1.00         1.00           Upstream Filter(I)         1.00         0.00         1.00         0.32         2.02         0.00         1.00         1.00           Upstream Filter(I)         1.00         0.0         0.32         0.32         0.00         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0	Grp Sat Flow(s), veh/h/ln				1846	0	10767	1810	1805	0	0	1729	4399
Prop In Lane	Q Serve(g_s), s				13.0	0.0	2.2	10.9	0.0	0.0	0.0	11.1	10.0
Prop In Lane	Cycle Q Clear(g_c), s				13.0	0.0	2.2	10.9	0.0	0.0	0.0	11.1	10.0
V/C Ratio(X)         1.30         0.00         0.19         0.63         0.30         0.00         0.54         0.50           Avail Cap(c_a), veh/h         390         0         2273         583         2447         0         0         922         1173           HCM Platoon Ratio         1.00         1.00         1.00         2.00         2.00         1.00         1.00         1.00           Upstream Filter(I)         1.00         0.00         1.00         0.32         0.02         0.00         0.00         1.00           Uniform Delay (d), s/weh         38.5         0.0         33.9         12.8         0.0 <t< td=""><td></td><td></td><td></td><td></td><td>0.58</td><td></td><td>1.00</td><td>1.00</td><td></td><td>0.00</td><td>0.00</td><td></td><td>0.69</td></t<>					0.58		1.00	1.00		0.00	0.00		0.69
Avail Cap(c_a), veh/h   390	Lane Grp Cap(c), veh/h				266	0	1553	583	2447	0	0	922	1173
Avail Cap(C_a), veh/h   390					1.30	0.00	0.19	0.63	0.30	0.00	0.00	0.54	0.50
Upstream Filter(I)         1.00         0.00         1.00         0.32         0.32         0.00         0.00         1.00         1.00           Uniform Delay (d), s/veh         38.5         0.0         33.9         12.8         0.0         0.0         0.0         28.3         27.9           Incr Delay (d2), s/veh         155.4         0.0         0.1         0.7         0.1         0.0					390	0	2273	583	2447	0	0	922	1173
Uniform Delay (d), s/veh         38.5         0.0         33.9         12.8         0.0         0.0         0.0         28.3         27.9           Incr Delay (d2), s/veh         155.4         0.0         0.1         0.7         0.1         0.0         0.0         2.3         1.5           Initial Q Delay(d3), s/veh         0.0<	HCM Platoon Ratio				1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00
Incr Delay (d2), s/veh	Upstream Filter(I)				1.00	0.00	1.00	0.32	0.32	0.00	0.00	1.00	1.00
Initial Q Delay(d3),s/veh	Uniform Delay (d), s/veh				38.5	0.0	33.9	12.8	0.0	0.0	0.0	28.3	27.9
%ile BackOfÓ(-26165%), veh/ln       18.1       0.0       6.6       5.4       0.0       0.0       0.0       5.5       12.6         LnGrp Delay(d), s/veh       193.9       0.0       33.9       13.5       0.1       0.0       0.0       30.5       29.4         LnGrp LOS       F       C       B       A       C       C       C         Approach Vol, veh/h       644       1110       1079       Approach LOS       F       A       C       C         Approach LOS       F       A       A       C       C       C       C       C       A       C       C       C       C       A       C       A       C       C       C       C       A       C       C       C       A       C       C       A       C	Incr Delay (d2), s/veh				155.4	0.0	0.1	0.7	0.1	0.0	0.0	2.3	1.5
LnGrp Delay(d),s/veh         193.9         0.0         33.9         13.5         0.1         0.0         0.0         30.5         29.4           LnGrp LOS         F         C         B         A         C         C           Approach Vol, veh/h         644         1110         1079           Approach Delay, s/veh         119.9         4.5         29.9           Approach LOS         F         A         C           Timer         1         2         3         4         5         6         7         8           Assigned Phs         2         5         6         8         8         8         8         9	Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LnGrp LOS         F         C         B         A         C         C           Approach Vol, veh/h         644         1110         1079           Approach Delay, s/veh         119.9         4.5         29.9           Approach LOS         F         A         C           Timer         1         2         3         4         5         6         7         8           Assigned Phs         2         5         6         8         8         8         8         9	%ile BackOfQ(-26165%),veh/ln				18.1	0.0	6.6	5.4	0.0	0.0	0.0	5.5	12.6
Approach Vol, veh/h         644         1110         1079           Approach Delay, s/veh         119.9         4.5         29.9           Approach LOS         F         A         C           Timer         1         2         3         4         5         6         7         8           Assigned Phs         2         5         6         8           Phs Duration (G+Y+Rc), s         69.0         37.0         32.0         21.0           Change Period (Y+Rc), s         4.0         4.0         4.0           Max Green Setting (Gmax), s         59.0         27.0         28.0         23.0           Max Q Clear Time (g_c+I1), s         2.0         12.9         13.1         15.0           Green Ext Time (p_c), s         7.8         5.5         6.4         2.0           Intersection Summary           HCM 2010 Ctrl Delay         40.4         40.4           HCM 2010 LOS         D         D	LnGrp Delay(d),s/veh				193.9	0.0	33.9	13.5	0.1	0.0	0.0	30.5	29.4
Approach Vol, veh/h       644       1110       1079         Approach Delay, s/veh       119.9       4.5       29.9         Approach LOS       F       A       C         Timer       1       2       3       4       5       6       7       8         Assigned Phs       2       5       6       8         Phs Duration (G+Y+Rc), s       69.0       37.0       32.0       21.0         Change Period (Y+Rc), s       4.0       4.0       4.0         Max Green Setting (Gmax), s       59.0       27.0       28.0       23.0         Max Q Clear Time (g_c+I1), s       2.0       12.9       13.1       15.0         Green Ext Time (p_c), s       7.8       5.5       6.4       2.0         Intersection Summary         HCM 2010 Ctrl Delay       40.4         HCM 2010 LOS       D	LnGrp LOS				F		С	В	Α			С	С
Approach Delay, s/veh Approach LOS  F A C  Timer  1 2 3 4 5 6 7 8  Assigned Phs Assigned Phs Phs Duration (G+Y+Rc), s Change Period (Y+Rc), s Assigned Gmax), s Assigned Priod (Y+Rc), s Assigned Phs Assigned Phs Buration (G-Y+Rc), s Buration	Approach Vol, veh/h					644			1110			1079	
Approach LOS F A C  Timer 1 2 3 4 5 6 7 8  Assigned Phs 2 5 6 8  Phs Duration (G+Y+Rc), s 69.0 37.0 32.0 21.0  Change Period (Y+Rc), s 4.0 4.0 4.0  Max Green Setting (Gmax), s 59.0 27.0 28.0 23.0  Max Q Clear Time (g_c+I1), s 2.0 12.9 13.1 15.0  Green Ext Time (p_c), s 7.8 5.5 6.4 2.0  Intersection Summary  HCM 2010 Ctrl Delay 40.4  HCM 2010 LOS D	• •					119.9			4.5			29.9	
Assigned Phs 2 5 6 8 Phs Duration (G+Y+Rc), s 69.0 37.0 32.0 21.0 Change Period (Y+Rc), s 4.0 4.0 4.0 Max Green Setting (Gmax), s 59.0 27.0 28.0 23.0 Max Q Clear Time (g_c+l1), s 2.0 12.9 13.1 15.0 Green Ext Time (p_c), s 7.8 5.5 6.4 2.0  Intersection Summary HCM 2010 Ctrl Delay 40.4 HCM 2010 LOS D													
Assigned Phs 2 5 6 8 Phs Duration (G+Y+Rc), s 69.0 37.0 32.0 21.0 Change Period (Y+Rc), s 4.0 4.0 4.0 Max Green Setting (Gmax), s 59.0 27.0 28.0 23.0 Max Q Clear Time (g_c+l1), s 2.0 12.9 13.1 15.0 Green Ext Time (p_c), s 7.8 5.5 6.4 2.0  Intersection Summary HCM 2010 Ctrl Delay 40.4 HCM 2010 LOS D	Timer	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s       69.0       37.0       32.0       21.0         Change Period (Y+Rc), s       4.0       4.0       4.0         Max Green Setting (Gmax), s       59.0       27.0       28.0       23.0         Max Q Clear Time (g_c+I1), s       2.0       12.9       13.1       15.0         Green Ext Time (p_c), s       7.8       5.5       6.4       2.0         Intersection Summary         HCM 2010 Ctrl Delay       40.4         HCM 2010 LOS       D													
Change Period (Y+Rc), s       4.0       4.0       4.0         Max Green Setting (Gmax), s       59.0       27.0       28.0       23.0         Max Q Clear Time (g_c+l1), s       2.0       12.9       13.1       15.0         Green Ext Time (p_c), s       7.8       5.5       6.4       2.0         Intersection Summary         HCM 2010 Ctrl Delay       40.4         HCM 2010 LOS       D							32.0						
Max Green Setting (Gmax), s       59.0       27.0       28.0       23.0         Max Q Clear Time (g_c+l1), s       2.0       12.9       13.1       15.0         Green Ext Time (p_c), s       7.8       5.5       6.4       2.0         Intersection Summary         HCM 2010 Ctrl Delay       40.4         HCM 2010 LOS       D													
Max Q Clear Time (g_c+l1), s       2.0       12.9       13.1       15.0         Green Ext Time (p_c), s       7.8       5.5       6.4       2.0         Intersection Summary         HCM 2010 Ctrl Delay       40.4         HCM 2010 LOS       D													
Green Ext Time (p_c), s         7.8         5.5         6.4         2.0           Intersection Summary           HCM 2010 Ctrl Delay         40.4           HCM 2010 LOS         D													
HCM 2010 Ctrl Delay 40.4 HCM 2010 LOS D													
HCM 2010 Ctrl Delay 40.4 HCM 2010 LOS D	Intersection Summary												
HCM 2010 LOS D	•			40.4									

6/6/2014 Baseline

Synchro 8 Report
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Movement EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
Lane Configurations 🦎	f)						<del>የ</del>		*	<b>^</b>		
Volume (veh/h) 446	8	395	0	0	0	0	626	294	363	489	0	
Number 7	4	14				5	2	12	1	6	16	
Initial Q (Qb), veh 0	0	0				0	0	0	0	0	0	
Ped-Bike Adj(A_pbT) 1.00		1.00				1.00		1.00	1.00		1.00	
Parking Bus, Adj 1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00	
Adj Sat Flow, veh/h/ln 1900	1900	1900				0	1900	1900	1900	1900	0	
Adj Flow Rate, veh/h 469	8	416				0	659	309	382	515	0	
Adj No. of Lanes 1	1	0				0	3	0	1	2	0	
Peak Hour Factor 0.95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95	
Percent Heavy Veh, % 0	0	0				0	0	0	0	0	0	
Cap, veh/h 523	54	2805				0	983	501	442	1925	0	
Arrive On Green 0.29	0.29	0.29				0.00	0.20	0.20	0.49	1.00	0.00	
Sat Flow, veh/h 1810	187	9709				0	5087	2505	1810	3705	0	
Grp Volume(v), veh/h 469	0	424				0	479	489	382	515	0	
Grp Sat Flow(s), veh/h/ln1810	0	9895				0	1729	3963	1810	1805	0	
Q Serve(g_s), s 22.4	0.0	2.9				0.0	11.6	10.1	16.8	0.0	0.0	
Cycle Q Clear(g_c), s 22.4	0.0	2.9				0.0	11.6	10.1	16.8	0.0	0.0	
Prop In Lane 1.00		0.98				0.00		0.63	1.00		0.00	
Lane Grp Cap(c), veh/h 523	0	2859				0	692	793	442	1925	0	
V/C Ratio(X) 0.90	0.00	0.15				0.00	0.69	0.62	0.86	0.27	0.00	
Avail Cap(c_a), veh/h 523	0	2859				0	692	793	442	1925	0	
HCM Platoon Ratio 1.00	1.00	1.00				1.00	1.00	1.00	2.00	2.00	1.00	
Upstream Filter(I) 1.00	0.00	1.00				0.00	1.00	1.00	1.00	1.00	0.00	
Uniform Delay (d), s/veh 30.7	0.0	23.8				0.0	33.4	32.9	21.7	0.0	0.0	
Incr Delay (d2), s/veh 20.7	0.0	0.1				0.0	5.6	3.6	19.5	0.3	0.0	
Initial Q Delay(d3),s/veh 0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	
%ile BackOfQ(-26165%), <b>1/\€!2</b> /lı	n 0.0	7.9				0.0	6.1	11.8	10.7	0.1	0.0	
LnGrp Delay(d),s/veh 51.5	0.0	23.9				0.0	39.1	36.4	41.2	0.3	0.0	
LnGrp LOS D		С					D	D	D	Α		
Approach Vol, veh/h	893						968			897		
Approach Delay, s/veh	38.4						37.7			17.7		
Approach LOS	D						D			В		
Timer 1	2	3	4	5	6	7	8					
Assigned Phs 1	2		4		6							
Phs Duration (G+Y+Rc), 30.0	26.0		34.0		56.0							
Change Period (Y+Rc), s 4.0	4.0		4.0		4.0							
Max Green Setting (Gmax), &	22.0		30.0		52.0							
	40 /		24.4		2.0							
Max Q Clear Time (g_c+1118),8s	13.6											
	5.6		2.2		14.4							
Max Q Clear Time (g_c+1118),8s					14.4							
Max Q Clear Time (g_c+ff19,8s Green Ext Time (p_c), s 0.7		31.4			14.4							

Intersection								
Int Delay, s/veh	0.2							
Movement	EBL	EBT			WBT	WBR	SBL	SBR
Vol, veh/h	2	106			156	10	2	0
Conflicting Peds, #/hr	0	0			0	0	0	0
Sign Control	Free	Free			Free	Free	Stop	Stop
RT Channelized	-	None			-	None	-	None
Storage Length	-	-			-	-	0	-
Veh in Median Storage, #	-	0			0	-	0	-
Grade, %	-	0			0	-	0	-
Peak Hour Factor	85	85			85	85	85	85
Heavy Vehicles, %	0	0			0	0	0	0
Mvmt Flow	7	125			184	12	2	0
Major/Minor	Major1				Major2		Minor2	
Conflicting Flow All	195	0			-	0	328	189
Stage 1	-	-			-	-	189	- 137
Stage 2	_	_			-	-	139	-
Critical Hdwy	4.1	-			-	-	6.4	6.2
Critical Hdwy Stg 1	-	-			-	-	5.4	-
Critical Hdwy Stg 2	-	-			-	-	5.4	-
Follow-up Hdwy	2.2	-			-	-	3.5	3.3
Pot Cap-1 Maneuver	1390	-			-	-	671	858
Stage 1	-	-			-	-	848	-
Stage 2	-	-			-	-	893	-
Platoon blocked, %		-			-	-		
Mov Cap-1 Maneuver	1390	-			-	-	668	858
Mov Cap-2 Maneuver	-	-			-	-	668	-
Stage 1	-	-			-	-	848	-
Stage 2	-	-			-	-	889	-
Approach	EB				WB		SB	
HCM Control Delay, s	0.4				0		10.4	
HCM LOS	0.1						В	
HOW LOO								
Minor Long/Mojor Mary	רחי	EDT	WDT	WDD CDI	m1			
Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR SBL				
Capacity (veh/h)	1390	-	-		68			
HCM Control Doloy (a)	0.005	-	-	- 0.0				
HCM Lang LOS	7.6	0	-	- 10				
HCM Lane LOS	A	Α	-	-	В			
HCM 95th %tile Q(veh)	0	-	-	-	0			

Intersection												
Int Delay, s/veh	1.5											
<b>,</b>												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	0	0	60	0	0	18	9	1429	18	1	861	61
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None		-	None	-	-	None	-	-	None
Storage Length	-	-	0	-	-	0	-	-	-	-	-	-
Veh in Median Storage, #	<u>.</u>	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	91	91	91	91	91	91	91	91	91	91	91	91
Heavy Vehicles, %	0	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	0	0	66	0	0	20	10	1570	20	1	946	67
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	1787	2592	507	1981	2615	795	1013	0	0	1590	0	0
Stage 1	982	982	-	1600	1600	-	-	-	-	-	-	-
Stage 2	805	1610	-	381	1015	-	-	-	-	-	-	_
Critical Hdwy	6.95	6.5	7.1	6.95	6.5	6.9	5.3	-	-	4.1	-	-
Critical Hdwy Stg 1	7.3	5.5	-	6.5	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.5	5.5	-	6.7	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.65	4	3.9	3.65	4	3.3	3.1	-	-	2.2	-	-
Pot Cap-1 Maneuver	68	25	441	50	25	335	392	-	-	418	-	-
Stage 1	213	330	-	111	167	-	-	-	-	-	-	-
Stage 2	337	165	-	585	318	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	53	19	441	35	19	335	392	-	-	418	-	-
Mov Cap-2 Maneuver	53	19	-	35	19	-	-	-	-	-	-	-
Stage 1	166	328	-	86	130	-	-	-	-	-	-	-
Stage 2	246	128	-	495	316	-	-	-	-	-	-	-
Approach	EB			WB			NB			SB		
HCM Control Delay, s	14.6			16.4			1.7			0		
HCM LOS	В			С						Ţ,		
. 10.11. 200												
Minor Lane/Major Mvmt	NBL	NBT	NRR F	EBLn1WBLn1	SBL	SBT	SBR					
Capacity (veh/h)	392	-	-	441 335	418	-	-					
HCM Lane V/C Ratio	0.025	_	_	0.15 0.059		_	-					
HCM Control Delay (s)	14.4	1.6	_	14.6 16.4	13.6	0	-					
HCM Lane LOS	В	Α	_	B C	В	A	-					
HCM 95th %tile Q(veh)	0.1	-	_	0.5 0.2		-	-					
110111 70111 701110 2(1011)	0.1			3.0 0.2	U							

	۶	<b>→</b>	•	•	+	•	1	<b>†</b>	<b>/</b>	/	<b>+</b>	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations					4	7	7	44			<b>↑</b> ↑↑	
Volume (veh/h)	0	0	0	306	0	690	247	778	0	0	525	401
Number				3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln				1900	1900	1900	1900	1900	0	0	1900	1900
Adj Flow Rate, veh/h				333	313	542	268	846	0	0	571	436
Adj No. of Lanes				0	1	1	1	2	0	0	3	0
Peak Hour Factor				0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %				0	0	0	0	0	0	0	0	0
Cap, veh/h				329	309	3709	302	1725	0	0	1034	887
Arrive On Green				0.34	0.34	0.34	0.33	0.96	0.00	0.00	0.22	0.22
Sat Flow, veh/h				955	897	10767	1810	3705	0	0	4824	3993
Grp Volume(v), veh/h				646	0	542	268	846	0	0	440	567
Grp Sat Flow(s), veh/h/ln				1852	0	10767	1810	1805	0	0	1729	5188
Q Serve(g_s), s				31.0	0.0	3.1	12.6	1.8	0.0	0.0	10.2	8.6
Cycle Q Clear(g_c), s				31.0	0.0	3.1	12.6	1.8	0.0	0.0	10.2	8.6
Prop In Lane				0.52		1.00	1.00		0.00	0.00		0.77
Lane Grp Cap(c), veh/h				638	0	3709	302	1725	0	0	768	1153
V/C Ratio(X)				1.01	0.00	0.15	0.89	0.49	0.00	0.00	0.57	0.49
Avail Cap(c_a), veh/h				638	0	3709	302	1725	0	0	768	1153
HCM Platoon Ratio				1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh				29.5	0.0	20.4	29.2	1.1	0.0	0.0	31.2	30.6
Incr Delay (d2), s/veh				38.8	0.0	0.1	29.8	1.0	0.0	0.0	3.1	1.5
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(-26165%),veh/ln				22.6	0.0	9.4	8.8	0.7	0.0	0.0	5.2	12.8
LnGrp Delay(d),s/veh				68.3	0.0	20.4	59.1	2.1	0.0	0.0	34.3	32.1
LnGrp LOS				F		С	Е	Α			С	С
Approach Vol, veh/h					1188			1114			1007	
Approach Delay, s/veh					46.5			15.8			33.0	
Approach LOS					D			В			С	
Timer	1	2	3	4	5	6	7	8				
Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		51.0			23.0	28.0		39.0				
Change Period (Y+Rc), s		4.0			4.0	4.0		4.0				
Max Green Setting (Gmax), s		47.0			19.0	24.0		35.0				
Max Q Clear Time (g_c+l1), s		3.8			14.6	12.2		33.0				
Green Ext Time (p_c), s		19.6			0.3	8.6		1.2				
Intersection Summary												
HCM 2010 Ctrl Delay			32.1									
HCM 2010 LOS			C									
Notes			-									

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Movement EBL EBT	EBR	WBL \	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
Lane Configurations 🦎 🦒						<del>ተ</del> ተጮ		ሻ	<b>^</b>		
Volume (veh/h) 399 15	488	0	0	0	0	617	213	261	581	0	
Number 7 4	14				5	2	12	1	6	16	
Initial Q (Qb), veh 0 0	0				0	0	0	0	0	0	
Ped-Bike Adj(A_pbT) 1.00	1.00				1.00		1.00	1.00		1.00	
Parking Bus, Adj 1.00 1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00	
Adj Sat Flow, veh/h/ln 1900 1900	1900				0	1900	1900	1900	1900	0	
Adj Flow Rate, veh/h 429 16	525				0	663	229	281	625	0	
Adj No. of Lanes 1 1	0				0	3	0	1	2	0	
Peak Hour Factor 0.93 0.93	0.93				0.93	0.93	0.93	0.93	0.93	0.93	
Percent Heavy Veh, % 0 0	0				0	0	0	0	0	0	
Cap, veh/h 454 70	2303				0	1061	398	491	2063	0	
Arrive On Green 0.25 0.25	0.25				0.00	0.21	0.21	0.36	0.76	0.00	
Sat Flow, veh/h 1810 280	9181				0	5197	1883	1810	3705	0	
Grp Volume(v), veh/h 429 0	541				0	472	420	281	625	0	
	9461				0	1729	3451	1810	1805	0	
Q Serve(g_s), s 21.0 0.0	4.1				0.0	11.2	9.8	11.3	4.9	0.0	
Cycle Q Clear(g_c), s 21.0 0.0	4.1				0.0	11.2	9.8	11.3	4.9	0.0	
Prop In Lane 1.00	0.97				0.00		0.55	1.00		0.00	
Lane Grp Cap(c), veh/h 454 0	2374				0	730	729	491	2063	0	
V/C Ratio(X) 0.94 0.00	0.23				0.00	0.65	0.58	0.57	0.30	0.00	
Avail Cap(c_a), veh/h 583 0	3049				0	730	729	491	2063	0	
HCM Platoon Ratio 1.00 1.00	1.00				1.00	1.00	1.00	1.33	1.33	1.00	
Upstream Filter(I) 1.00 0.00	1.00				0.00	1.00	1.00	0.47	0.47	0.00	
Uniform Delay (d), s/veh 33.1 0.0	26.8				0.0	32.4	31.9	24.6	5.2	0.0	
Incr Delay (d2), s/veh 21.4 0.0	0.0				0.0	4.4	3.3	0.8	0.2	0.0	
Initial Q Delay(d3),s/veh 0.0 0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	
%ile BackOfQ(-26165%),1/æ/2/ln 0.0	10.7				0.0	5.8	10.0	5.7	2.4	0.0	
LnGrp Delay(d),s/veh 54.5 0.0	26.8				0.0	36.8	35.2	25.3	5.4	0.0	
LnGrp LOS D	С					D	D	С	Α		
Approach Vol, veh/h 970						892			906		
Approach Delay, s/veh 39.1						36.1			11.6		
Approach LOS D						D			В		
Timer 1 2	3	4	5	6	7	8					
Assigned Phs 1 2		4		6	-						
Phs Duration (G+Y+Rc), 32.4 27.0		30.6		59.4							
Change Period (Y+Rc), s 4.0 4.0		4.0		4.0							
		33.0		49.0							
Max Green Setting (Gmaxx), & 23.0											
Max Green Setting (Gma22), § 23.0 Max Q Clear Time (g_c+ff1), § 13.2		23.0		6.9							
		23.0 3.6		6.9 5.9							
Max Q Clear Time (g_c+ff3,3s 13.2 Green Ext Time (p_c), s 3.4 4.0											
Max Q Clear Time (g_c+fff3,3s 13.2	29.1										

Intersection								
Int Delay, s/veh	0.6							
Movement	EBL	EBT			WBT	WBR	SBL	SBR
Vol, veh/h	3	137			132	3	8	2
Conflicting Peds, #/hr	0	0			0	0	0	0
Sign Control	Free	Free			Free	Free	Stop	Stop
RT Channelized	-	None			-	None	-	None
Storage Length	-	-			-	-	0	-
Veh in Median Storage, #	-	0			0	-	0	-
Grade, %	-	0			0	-	0	-
Peak Hour Factor	96	96			96	96	96	96
Heavy Vehicles, %	0	0			0	0	0	0
Mvmt Flow	9	143			138	3	8	2
Major/Minor	Major1				Major2		Minor2	
Conflicting Flow All	141	0			-	0	300	139
Stage 1	-	-				-	139	- 137
Stage 2	-	-			-	-	161	-
Critical Hdwy	4.1	-			-	-	6.4	6.2
Critical Hdwy Stg 1	-	-			-	-	5.4	-
Critical Hdwy Stg 2	-	-			-	-	5.4	-
Follow-up Hdwy	2.2	-			-	-	3.5	3.3
Pot Cap-1 Maneuver	1455	-			-	-	696	915
Stage 1	-	-			-	-	893	-
Stage 2	-	-			-	-	873	-
Platoon blocked, %		-			-	-		
Mov Cap-1 Maneuver	1455	-			-	-	691	915
Mov Cap-2 Maneuver	-	-			-	-	691	-
Stage 1	-	-			-	-	893	-
Stage 2	-	-			-	-	867	-
Approach	EB				WB		SB	
HCM Control Delay, s	0.5				0		10	
HCM LOS	3.0				J		В	
Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR SBLn1				
Capacity (veh/h)	1455	LDI -	WDI	- 727				
HCM Lane V/C Ratio	0.006	-	-	- 0.014				
HCM Control Delay (s)	7.5	0	-	- 0.014				
HCM Lane LOS	7.5 A	A	-	- 10 - B				
HCM 95th %tile Q(veh)	0	A -	-	- B				
TIGIVI 75111 /01118 Q(VEII)	U	-	-	- 0				

Intersection												
Int Delay, s/veh	0.7											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	1	0	79	(	0	11	2	1060	40	0	982	30
Conflicting Peds, #/hr	0	0	0	C	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None			None	-	-	None	-	-	None
Storage Length	-	-	0		-	0	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-		0	-	-	0	-	-	0	-
Grade, %	-	0	-		0	-	-	0	-	-	0	-
Peak Hour Factor	95	95	95	95	95	95	95	95	95	95	95	95
Heavy Vehicles, %	0	0	0	(	0	0	0	0	0	0	0	0
Mvmt Flow	1	0	83	(	0	12	2	1116	42	0	1034	32
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	1611	2211	533	1554		579	1065	0	0	1158	0	0
Stage 1	1049	1049	-	1141		_	-	-	-	-	_	-
Stage 2	562	1162	-	413		-	-	-	-	-	-	-
Critical Hdwy	6.95	6.5	7.1	6.95	6.5	6.9	5.3	-	-	4.1	-	-
Critical Hdwy Stg 1	7.3	5.5	-	6.5	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.5	5.5	-	6.7	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.65	4	3.9	3.65	4	3.3	3.1	-	-	2.2	-	-
Pot Cap-1 Maneuver	89	45	425	98	45	463	370	-	-	611	-	-
Stage 1	191	307	-	212	278	-	-	-	-	-	-	-
Stage 2	469	272	-	560	302	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	86	44	425	78		463	370	-	-	611	-	-
Mov Cap-2 Maneuver	86	44	-	78		-	-	-	-	-	-	-
Stage 1	188	307	-	209		-	-	-	-	-	-	-
Stage 2	450	268	-	450	302	-	-	-	-	-	-	-
Approach	EB			WE			NB			SB		
HCM Control Delay, s	15.5			13			0.1			0		
HCM LOS	С			Е	}							
Minor Lane/Major Mvmt	NBL	NBT	NBR E	BLn1WBLn1	SBL	SBT	SBR					
Capacity (veh/h)	370	-	-	425 463		-	-					
HCM Lane V/C Ratio	0.006	-	-	0.196 0.025		-	-					
HCM Control Delay (s)	14.8	0.1	-	15.5 13		-	-					
HCM Lane LOS	В	Α	-	C E		-	-					
HCM 95th %tile Q(veh)	0	-	-	0.7 0.1		-	-					

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations					4	7	ሻ	44			<b>↑</b> ↑₽	
Volume (veh/h)	0	0	0	195	1	383	356	722	0	0	662	393
Number				3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln				1900	1900	1900	1900	1900	0	0	1900	1900
Adj Flow Rate, veh/h				201	146	298	367	744	0	0	682	405
Adj No. of Lanes				0	1	1	1	2	0	0	3	0
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				0	0	0	0	0	0	0	0	0
Cap, veh/h				155	112	1557	583	2446	0	0	1286	811
Arrive On Green				0.14	0.14	0.14	0.64	1.00	0.00	0.00	0.27	0.27
Sat Flow, veh/h				1070	777	10767	1810	3705	0	0	4993	3040
Grp Volume(v), veh/h				347	0	298	367	744	0	0	500	587
Grp Sat Flow(s),veh/h/ln				1847	0	10767	1810	1805	0	0	1729	4403
Q Serve(g_s), s				13.0	0.0	2.2	10.9	0.0	0.0	0.0	11.2	10.1
Cycle Q Clear(g_c), s				13.0	0.0	2.2	10.9	0.0	0.0	0.0	11.2	10.1
Prop In Lane				0.58	0.0	1.00	1.00	0.0	0.00	0.00	11.2	0.69
Lane Grp Cap(c), veh/h				267	0	1557	583	2446	0.00	0.00	922	1174
V/C Ratio(X)				1.30	0.00	0.19	0.63	0.30	0.00	0.00	0.54	0.50
Avail Cap(c_a), veh/h				390	0.00	2273	583	2446	0.00	0.00	922	1174
HCM Platoon Ratio				1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	0.32	0.32	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh				38.5	0.00	33.9	12.8	0.0	0.0	0.0	28.3	27.9
Incr Delay (d2), s/veh				155.9	0.0	0.1	0.7	0.0	0.0	0.0	2.3	1.5
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(-26165%),veh/ln				18.2	0.0	6.6	5.4	0.0	0.0	0.0	5.6	12.7
LnGrp Delay(d),s/veh				194.4	0.0	33.9	13.5	0.0	0.0	0.0	30.6	29.4
				194.4 F	0.0	33.9 C	13.3 B	Α	0.0	0.0	30.0 C	29.4 C
LnGrp LOS				Г	/ 15	C	D					
Approach Vol, veh/h					645			1111			1087	
Approach Delay, s/veh					120.2			4.5			30.0	
Approach LOS					F			Α			С	
Timer	1	2	3	4	5	6	7	8				
Assigned Phs		2			5	6		8				
Phs Duration (G+Y+Rc), s		69.0			37.0	32.0		21.0				
Change Period (Y+Rc), s		4.0			4.0	4.0		4.0				
Max Green Setting (Gmax), s		59.0			27.0	28.0		23.0				
Max Q Clear Time (g_c+l1), s		2.0			12.9	13.2		15.0				
Green Ext Time (p_c), s		7.8			5.5	6.4		2.0				
Intersection Summary												
HCM 2010 Ctrl Delay			40.5									
HCM 2010 LOS			D									
Notes												

	•	<b>→</b>	•	•	<b>←</b>	•	•	†	<u> </u>	<b>\</b>	<b>↓</b>	4
Movement EI	BL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	ሻ	ĵ.						<del>ተ</del> ተኈ		ሻ	<b>^</b>	
	47	8	395	0	0	0	0	626	294	367	489	0
Number	7	4	14				5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
, ,	00		1.00				1.00		1.00	1.00		1.00
, <u> </u>	.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln 19		1900	1900				0	1900	1900	1900	1900	0
	71	8	416				0	659	309	386	515	0
Adj No. of Lanes	1	1	0				0	3	0	1	2	0
	95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	0	0	0				0	0	0	0	0	0
	23	54	2805				0	983	501	442	1925	0
•	29	0.29	0.29				0.00	0.20	0.20	0.49	1.00	0.00
Sat Flow, veh/h 18		187	9709				0	5087	2505	1810	3705	0
	71	0	424				0	479	489	386	515	0
Grp Sat Flow(s), veh/h/ln18		0	9895				0	1729	3963	1810	1805	0
	2.5	0.0	2.9				0.0	11.6	10.1	17.1	0.0	0.0
	2.5	0.0	2.9				0.0	11.6	10.1	17.1	0.0	0.0
	00		0.98				0.00		0.63	1.00		0.00
Lane Grp Cap(c), veh/h 5.		0	2859				0	692	793	442	1925	0
	90	0.00	0.15				0.00	0.69	0.62	0.87	0.27	0.00
` '	23	0	2859				0	692	793	442	1925	0
— .	00	1.00	1.00				1.00	1.00	1.00	2.00	2.00	1.00
	.00	0.00	1.00				0.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh 30		0.0	23.8				0.0	33.4	32.9	21.8	0.0	0.0
	1.2	0.0	0.1				0.0	5.6	3.6	20.5	0.3	0.0
Initial Q Delay(d3),s/veh (		0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(-26165%),1/4			7.9				0.0	6.1	11.8	10.9	0.1	0.0
	2.0	0.0	23.9				0.0	39.1	36.4	42.3	0.3	0.0
LnGrp LOS	D		С					D	D	D	А	
Approach Vol, veh/h		895						968			901	
Approach Delay, s/veh		38.7						37.7			18.3	
Approach LOS		D						D			В	
Timer	1	2	3	4	5	6	7	8				
Assigned Phs	1	2		4		6						
Phs Duration (G+Y+Rc), 30	0.0	26.0		34.0		56.0						
Change Period (Y+Rc), s 4		4.0		4.0		4.0						
Max Green Setting (Gmax)		22.0		30.0		52.0						
Max Q Clear Time (g_c+fff)		13.6		24.5		2.0						
Green Ext Time (p_c), s		5.6		2.1		14.4						
Intersection Summary												
HCM 2010 Ctrl Delay			31.7									
HCM 2010 LOS			C									
			_									